

Carolina Country.

February 1981

Financing Cleared For EMCs'
Purchase of Share in Power Plant
See Pages 6-7

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Ending An Era of Frustration

By mid-February, North Carolina's Electric Membership Corporations are expected to become partners with Duke Power Company in the ownership of that firm's Catawba Nuclear Station near Charlotte.

Related Stories on Pages 6-7

That development is significant enough in itself, for the buy-in provides the cooperatives with their first generating capacity and sets the stage for the EMCs to develop their own power supply system.

In addition, it marks the culmination of more than three decades of off-and-on efforts by the co-ops to acquire their own generating facilities.

Effort Began In 1949

Those efforts began in 1949, when 16 of the co-ops banded together to form Eastern North Carolina EMC with plans to build a generating plant.

Since their beginnings in the 1930s and early 1940s, these non-profit, member-owned distribution power systems have been almost totally dependent on the investor-owned electric utilities for power. They have bought power at bulk rates for resale to their consumer-members.

The EMCs' leaders soon chafed under that arrangement because of the cost of power and an uncertain supply. They felt their members would receive electricity at a far lower cost if they jointly built their own generation and transmission system.

The investor-owned companies saw this effort as a threat to their

business—and cut their rates substantially. As a result, the co-ops could no longer justify building their own facilities.

Meanwhile, a similar effort was set in motion at the other end of the state, where several co-ops formed Western North Carolina EMC for the same purpose. That effort proved no more successful than the initial venture.

At that time, the state's EMCs purchased power from four separate investor-owned companies. That situation is unchanged in 1981.

After those abortive early efforts, the state's EMCs finally united into a single statewide generation and transmission organization known as North Carolina EMC. But efforts to build or acquire generating facilities were defeated time after time.

Then, in the early 1970s, the EMCs joined forces with many of the state's municipal systems to develop plans for joint generating facilities under a group called Electric Power in Carolina (EPIC).

That effort ran afoul of state constitutional provisions barring joint

ventures involving the cities, and EPIC was dissolved in 1974. Those provisions were later eliminated through constitutional amendment, opening the way for a group of cities to buy a share of Duke's Catawba plant.

That arrangement was the first fruit to be borne from negotiations with Duke involving the cities and the EMCs, beginning in 1975. Those talks proved to be an off-and-on affair for the co-ops as the economics of the proposed joint venture shifted from time to time.

Plan To Lower Power Costs

However, recent negotiations produced an agreement on an arrangement which is expected to lower the cost of power for the EMCs substantially over the life of the Catawba plant.

It'll be a few years before the first kilowatt of electricity flows to co-op consumers from that plant, but the Catawba purchase means Tar Heel EMCs will enter the 1980s with a functioning generation and transmission organization after a 30-year era of frustration.

Throughout that period, EMC officials have continued the struggle for independence in power supply, never losing sight of the original goal that the co-ops' set for themselves three decades ago.

That goal is to assure reliability of electric service to EMC member owners across the state, and to slow the unending rise in power costs which will ultimately benefit all Tar Heel EMC consumers for decades to come.

Quote

“We are wide-eyed in contemplating the possibility that life may exist elsewhere in the universe, but we wear blinders when contemplating the possibilities of life on earth.”

—Norman Cousins

In This Issue

- 4 Here/There/Everywhere
- 6 Financing Cleared For EMCs' Purchase of Share In Power Plant
- 8 Radio Newscasts To Focus On N.C. General Assembly
- 9 Facing South
- 23 Youth Forum
- 28 Tar Heel Cooperative's Bolivian Connection



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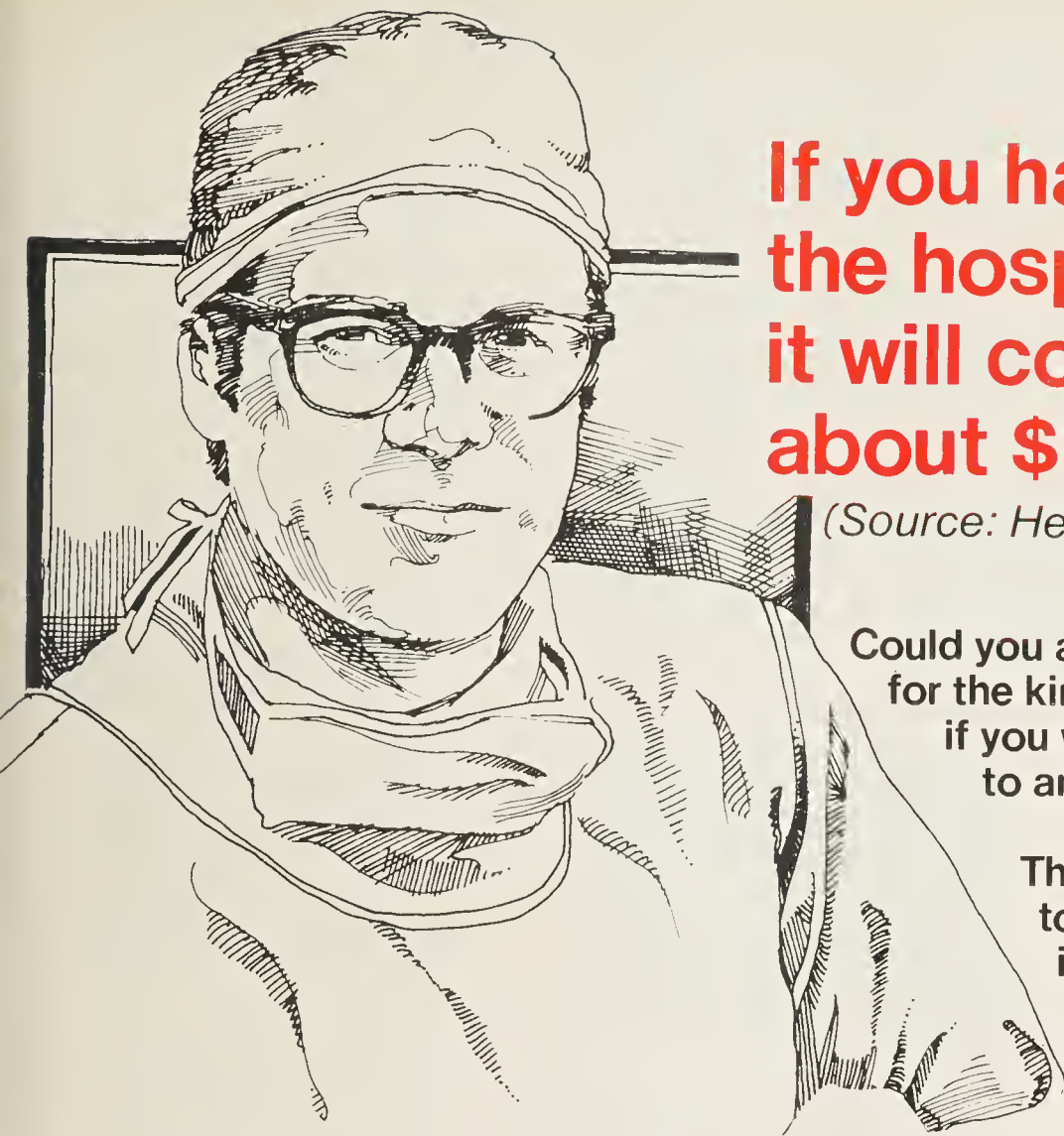
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Johnston County Family Gets "Outstanding" Title

The Alton T. Batten family of Rt. 2, Selma, has been named the outstanding Young Rural Family of 1980 by the North Carolina Cooperative Council.

The Battens were sponsored in the annual competition by the Federal Land Bank Association of Smithfield.

Alton Batten is a farmer and teacher of vocational agriculture. Mrs. Batten is continuing her education. Both are active in various community enrichment programs.

The family also includes 10-year-old Lora and 6-year-old Brian.

Extension Agents Get National Recognition

Three 4-H agents and five Extension Service home economists were honored recently by two national organizations.

The 4-H agents, who received Distinguished Service Awards from the National 4-H Agents' Association, were Ray Harris, Carteret County; Lynne R. Quails, Randolph and Bill Fowler, Wilkes.

The home economists received Distinguished Service Awards from the National Association of Extension Home Economists.

They are Ellen Willis, Hoke; Earline Walker, Wake; Martha Brown Thomas, Wayne; Jeanette Sherrod, Union and Joyce Heldreath, Rockingham.

18 EMCs To Share Refund From CP&L

Eighteen North Carolina rural electric cooperatives will share in a recent \$16.2 million refund of excess charges by Carolina Power and Light Co.

The refund which was ordered by the Federal Energy Regulatory Commission, includes the excess charges plus interest stemming from a bulk power rate schedule that CP&L applied to its wholesale customers between Dec. 29, 1977 and August 17, 1980.

The rate schedule was filed with the Federal Energy Regulatory Commission in July, 1977, but its effective date was postponed for five months as a result of an appeal by the EMC's statewide power supply organization, North Carolina EMC.

The rates involved an 8 percent or \$10.5 million increase in the cost of power for the EMCs.

The rates raised the cost of bulk power for the EMCs affected by about 8 percent or \$10.5 million annually. As a result, the five-month

delay saved the co-ops about \$4 million.

Following the usual practice in such rates cases, the higher charges were allowed to take effect under bond and subject to refund, pending a review by the federal agency.

The EMCs that will be sharing the CP&L refund are: Haywood, Waynesville; Pitt & Greene, Farmville; Four County, Burgaw; Piedmont, Hillsborough; Halifax, Enfield; Randolph, Asheboro; Harkers Island; Brunswick, Shallotte; Jones-Onslow, Jacksonville; French Broad, Marshall; Wake, Wake Forest; Tri-County, Goldsboro; Lumbee River, Red Springs; South River, Dunn; Carteret-Craven, Morehead City; Central, Sanford; Pee Dee, Wadesboro; and Tideland, Pantego.

Energy Specialist Joins Ag Extension Service

The North Carolina Agricultural Extension Service has appointed its first full-time energy specialist.

He is Larry Graham, a Moore County native who has B.S. and M.S. degrees from N.C. State University.

In the new position, he'll demonstrate energy-saving techniques for curing tobacco and drying other crops, and for building and maintaining poultry and swine houses.

The post was created as a result of a \$88,000 grant from the U.S. Department of Energy through the N.C. Department of Commerce Energy Extension division.

Piedmont EMC Sets Systems Improvements

Piedmont Electric Membership Corporation, Hillsborough, has been awarded a \$3.5 million Rural Electrification Administration loan for system expansion and improvements.

The project involves building 97 miles of distribution line to serve 2,240 new customers, including 700 new households, as well as

Home Folks

Edwina Gross, a teacher of business education at E. E. Smith High School in Fayetteville, has received the National Vocational Education Teacher of the Year Award from the American Vocational Association. . .

Johnnie Hood, farm director for WPTF radio and the Southern Farm Network in Raleigh, has received the N.C. Farm Bureau Federation's Distinguished Service Award for Outstanding Agricultural Reporting for the third consecutive year. . . **W. Earl Scott**, director of agricultural programs for Philip Morris USA, and **Fred G. Bond**, general manager of the Flue-Cured Tobacco Cooperative Stabilization Corp., have received citations for their contributions to the tobacco industry. They were honored as part of the N.C. State University Extension Research on Wheels Review. . .

Mary Alice Pearson of Broadway has been cited by Gov. James B. Hunt Jr. for rescuing her five grandchildren from a burning house. She received the Governor's Award for Bravery and Heroism. . .

State Sen. Harold W. Hardison of Lenoir County has been presented the 1980 Service to Agriculture Award by the N.C. Association of County Agricultural Extension Agents.

upgrading the system's substations and other facilities.

The REA loan will be supplemented by a \$1.57 million loan from the National Rural Utilities Cooperative Finance Corporation for the improvements project.

Piedmont EMC currently serves about 13,000 consumer-members in Alamance, Caswell, Durham, Granville, Orange and Person Counties.

Power Costs Go Up \$11 Million A Year

Effective Jan. 14, six North Carolina Electric Membership Corporations began paying higher rates for the power they buy from Virginia Electric and Power Company.

The new rates boosted the EMCs' power costs by \$11 million annually.

They were ordered into effect by the Federal Energy Regulatory Commission, subject to a full review by the agency.

Should the rate schedule not get FERC's full approval, the excess charges will be refunded to the EMCs involved.

The EMCs are: Albemarle, Hertford; Cape Hatteras, Buxton; Edgecombe-Martin County, Tarboro; Halifax, Enfield; Roanoke, Rich square and Tideland, Pantego.

Cover Photo From 1981 Calendar

These snow-covered limbs were photographed near Mars Hill by E. Andrews Jr. of Montreat.

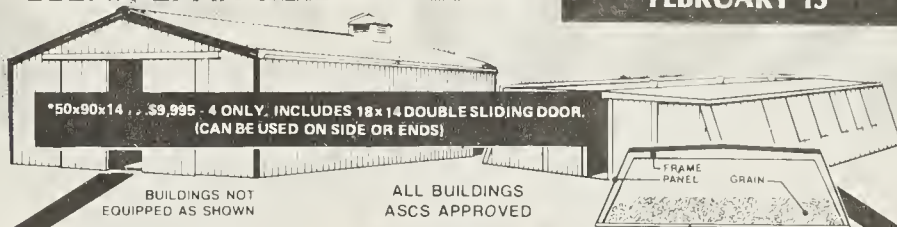
The photo is featured in the 1981 Mountain Meditations Calendar published by Andrews and Dr. John Crawford of Montreat Anderson College.

Our thanks to them for allowing us to use the color separations of the photo.

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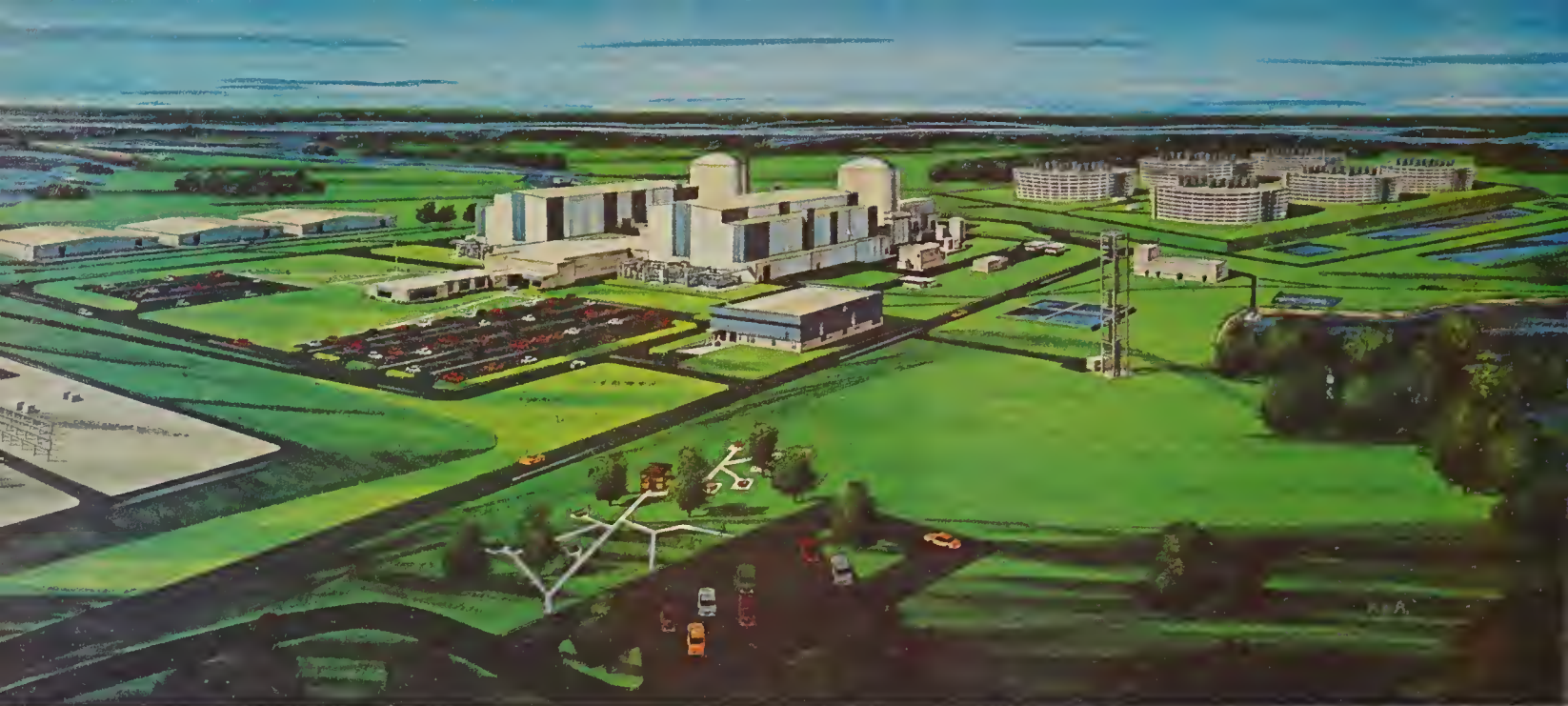
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Artist's Conception of Duke Power Company's Catawba Nuclear Station.

Financing Cleared For EMCs

North Carolina's Electric Membership Corporations are preparing to purchase a share of the Duke Power Co. Catawba Nuclear Station, in the wake of a decision by the Rural Electrification Administration to guarantee financing for the project.

The federal agency's commitment to guarantee loans of up to \$936 million for the buy-in arrangement sets the stage for the Tar Heel electric cooperatives to enter a new era in power supply with the purchase of their first generating facilities.

Plans call for the purchase to be

completed by mid-February.

Loans To Go to N.C. EMC

REA's commitment will guarantee loans to the co-ops' statewide generation and power supply organization, North Carolina EMC, to buy a 56.25 percent interest in the nuclear plant's Unit No. 1 and a 28.75 percent interest in the plant's support facilities.

Until now, the EMCs have been almost totally dependent on the investor-owned power companies buying all their energy from those utilities and a few other sources at bulk rates for re-sale to the co-op's consumer-members.

The purchase, resulting from about five years of negotiations with Duke Power, will end more than three decades of off-and-on efforts by the EMCs to provide part of their own energy supply.

N.C. EMC and Duke officials reached an agreement on the terms of the purchase several months ago but the pact had to be approved by various state and federal regulatory agencies before REA could clear the financing.

Duke To Buy Excess Energy

The purchase agreement calls for Duke to buy any excess energy from

Lower Power Costs Envisioned

North Carolina's electric cooperatives are preparing to invest millions of dollars in the acquisition of their first generating capacity because the investment will pay dividends for decades to come in the form of lower power costs.

"Our fixed costs are somewhat less than those of the investor-owned power companies, which now provide the co-ops with the most of their bulk power supply," said Jim Hubbard, executive vice president of the co-op's statewide organization. "As a result, we are able to invest in Duke Power Company's Catawba Nuclear Plant and, in effect, lower the cost of the power it'll provide for our systems."

Hubbard said the power will cost "substantially less" than it would if Duke maintained full ownership of the plant and sold the EMCs their usual share of power from the facility.

"Our engineers and the staff at the Rural Electrification Administration are satisfied that this investment will reduce the cost of power for all the state's co-ops by millions of dollars over the life of the plant," Hubbard said.

Under REA regulations, joint ventures of this sort must demonstrate a significant reduction in cost for the cooperatives involved within the first 10 years of the project—or the federal agency will not approve funding for them.

The energy from N.C. EMC's share of Catawba would normally flow only into the 10 EMC systems which are now served by Duke Power Co.

However, the savings will be distributed to all N.C. EMC's member cooperatives, Hubbard pointed out.

Buy-In A First Step For Power Supply Program

N.C. EMC's planned purchase of a share in Duke Power Company's Catawba Nuclear Station represents "the first step toward establishing a comprehensive power supply program for the Tar Heel rural electric program," said Jim Stephenson, manager of N.C. EMC.

"This is a vital first step because it would be almost impossible for the EMCs to start from scratch and get into the power business, given the country's inflationary economy and the burden of governmental regulation now facing the utility industry," he said.

He added: "I honestly don't know of

any way we could get into this business without a joint venture arrangement like this one—which offers economics for all parties involved."

Since 1975, N.C. EMC officials have been moving on several fronts to establish a generating and transmission system for North Carolina's electric cooperatives.

All of those efforts are based on the assumption that a joint venture buy-in arrangement would be essential at the outset.

Negotiations with Duke regarding Catawba began in 1975 and talks later began with Virginia Electric and Power Co. about buying a share of that

company's nuclear facilities.

Meanwhile, the organization's leaders became interested in developing a peat-fired generating plant in Northeastern North Carolina, and now there's interest in tapping several old dams for hydroelectric power.

"In order for the peat project or the hydro projects to mean anything, we have to have a system for transferring that power—with adequate back-up and reserves," Stephenson said. "So, the Catawba deal takes on even greater significance than it originally would because it opens the way for these other projects."

Purchase of Share in Power Plant

the plant that is not required for the cooperatives.

Duke is also expected to sell part of the same unit to a group of six South Carolina cooperatives, but will retain a 25 percent interest in it.

Part of Catawba's Unit No. Two has already been acquired by an organization of North Carolina municipal power systems.

completed in early 1981 and the second, in 1982. Each unit has a capacity of 1,180 megawatts.

Catawba's first unit is scheduled for completion in the spring of 1984; the second unit, in the fall of 1985. Each has a capacity of 1,145 megawatts.

McGuire is going up on Lake

Norman 17 miles north of Charlotte, while Catawba is being erected on Lake Wylie in York County, S.C., about 19 miles southwest of Charlotte.

Because of the contract tie between the two plants, N.C. EMC could elect to begin receiving some energy from McGuire as early as November, 1983.

Duke To Operate Plant

The power company would operate the plant, with the other owners sharing in the operating and maintenance costs.

The purchase agreement includes a buy-in with Duke's two-unit McGuire Nuclear Station which will guarantee that the co-ops will receive their proportionate share of energy output from any of the four units that are operating.

McGuire Provides Back-Up

The provision gives the EMCs a back-up energy supply when Catawba is out of service for maintenance or refueling.

The two plants are considered "sisters" in that both feature essentially the same types of facilities. Both are now under construction, with one of McGuire's units expected to be

No Federal Funds Involved

Absolutely no federal funds will be used to finance North Carolina Electric Membership Corporation's purchase of a share of a Duke Power Co. power plant, said Jim Hubbard, executive vice president of the EMCs' statewide organization.

"The Rural Electrification Administration has approved the buy-in arrangement and will provide a loan-guarantee to cover the financing from the private money market," he added.

The money will actually come to N.C. EMC through the Federal Financing Bank, with REA acting as administrator of the loan.

"The initial payment to Duke of about \$387 million will finance the co-ops' share of the construction costs thus far.

Once that payment is made, N.C. EMC will make monthly payments to keep abreast of construction.

"REA will establish a loan budget for this project and we'll be drawing against it as construction progresses," Hubbard said.

The federal agency, which is part of the U.S. Department of Agriculture, will charge N.C. EMC a fee of one-eighth of one percent for administering the loan.

"This means the federal government will actually be making a modest profit on the transaction."

Hubbard pointed out that about 94 percent of the project's cost will be financed in this way, with the remaining 6 percent to be financed by Duke Power Co.

Radio Newscast Focuses On Legislature

A five-minute, weekly news program focusing on the activities of the 1981 North Carolina General Assembly is now being broadcast by a statewide network of 51 radio stations.

The program, titled, "Legislative Review," is broadcast each Sunday under sponsorship of the state's Electric Membership Corporations.

Veteran Raleigh newsman Fred Taylor hosts the program, which features reviews of legislative activity, analysis of issues expected to come before

the General Assembly, as well as interviews with legislators and other state government officials.

Taylor, who has covered the legislature for several years for Raleigh's WRAL-TV and the North Carolina News Network, produces the weekly series especially for the N.C. Association of Electric Cooperatives.

The program will be aired throughout the 1981 General Assembly session, with wrap-up following the close of the session.

The stations which carry the newscast, and the scheduled broadcast times, are:

Asheboro	WGWR & WCSE-FM - 12:30 p.m.	Murfreesboro	WWDR-FM - 12:30 p.m.
Asheville	WRAQ - 12:30 p.m.	New Bern	WRNB - 5:35 p.m.
Boone	WATA - 12:30 p.m.		WAAZ-FM - 5:05 p.m.
Clinton	WRRZ-FM - 12:45 p.m.		WYRU - varies
Concord	WEGO & WPEG-FM - 12:30 p.m.	Red Springs	WCBT - 12:30 p.m.
Dunn	WCKB - 12:30 p.m.	Roanoke Rapids	WLWL - 1:00 p.m.
Edenton	WBXB-FM - 12:30 p.m.	Rockingham	WRXO - 12:30 p.m.
Elizabeth City	WGAI - 12:30 p.m.	Roxboro	WRAL-FM - 11:00 a.m.
Elizabethtown	WBLA - 1:00 p.m.	Raleigh	WWGP - 12:30 p.m.
Fairmont	WFMO - 1:00 p.m.	Sanford	WYAL - 1:25 p.m.
Farmville	WGHB - 12:30 p.m.	Scotland Neck	WVCB - 12:30 p.m.
Fayetteville	WFNC - 7:30 p.m.	Shallotte	WFMX-FM - 12:30 p.m.
Gastonia	WGAS-12:30 p.m.	Statesville	WRGC - 12:30 p.m.
Goldsboro	WGBR - 1:05 p.m.	Sylva	WCPS - 1:15 p.m.
Hickory	WHKY-FM - 2:25 p.m.	Tarboro	WSVM - 6:30 p.m.
Jacksonville	WRCM-FM 12:30 p.m.	Valdese	WADE - 4:55 p.m.
Kinston	WFTC - 12:40 p.m.	Wadesboro	WTRQ - 1:05 p.m.
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Lexington	WBUY - 12:30 p.m.	Washington	WOBR - 12:30 p.m.
Lenoir	WJRI - 12:45 p.m.	Wanchese	WHCC - 12:30 p.m.
Marshall	WMMH - 1:45 p.m.	Waynesville	WKSK - 12:30 p.m.
Mebane	WHNI - 12:30 p.m.	West Jefferson	WENC-FM - 12:30 p.m.
Monroe	WMAP - 12:30 p.m.	Whiteville	WVOT - 1:00 p.m.
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Want To Write Your Congressman?

Here are the current addresses of all 13 members of North Carolina's Congressional delegation, reflecting changes which occurred in January:

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Jesse A. Helms
4213 Dirksen Senate
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Washington DC 20510

John East
5313 Dirksen Senate
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HOUSE OF REPRESENTATIVES

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2nd District L. H. Fountain 2188 Rayburn Office Building Washington DC 20515	5th District Stephen L. Neal 2463 Rayburn Office Building Washington DC 20515	8th District William G. Hefner 2161 Rayburn Office Building Washington DC 20515	11th District William Hendon 212 Cannon Office Building Washington DC 20515
3rd District Charles Whitley 404 Cannon Office Building Washington DC 20515	6th District Eugene Johnson 128 Cannon Office Building Washington DC 20515	9th District James G. Martin 341 Cannon Office Building Washington DC 20515	

Mayor Lynn: She's Not "Just A Housewife"

Ask Maxine Lynn why she wanted to be mayor of her town and she'll tell you in no uncertain terms: "I didn't like the way things were being done. And there was nobody else to do it."

Ms. Lynn has caused male chauvinists some bad moments. "I heard one man say after the election, 'That dumb blonde can't do the job.' But I don't think gender has anything to do with it. I think I can do the job at least as well as it has been done in the past."

Ms. Lynn, 31, was elected mayor last November of Hildebran, population 620, which is located west of Hickory. About 98 percent of the registered voters turned out, a record in North Carolina and probably everywhere else.

Knocking on doors is what did it. Most of the townspeople already knew Ms. Lynn from her efforts during an earlier uproar over Burke County's increased property taxes. Then, during the weeks before the election, she hit the campaign trail every night after supper — knocking on doors of people she knew and those she didn't, introducing herself and asking for support. She found acceptance from almost every segment of the town's population.

"If there was any opposition, it was among the younger set," Ms. Lynn remembers. That surprised her; she had expected citizens older to her own age to be more supportive. Instead, the older generation encouraged her most. She won the election by a margin of about two to one.

Ms. Lynn's decision to run was spurred mostly by the former town council's efforts to raise taxes in order to put in a new sewer system, something neither she nor most of

the other citizens felt was needed.

"Fifty-seven percent of the people in this town live on fixed incomes and they just couldn't afford it. I have a husband who works and makes a pretty good living and I can't afford it." Lewis Lynn owns a body shop, and the couple has a two-year-old daughter, Evelyn.

"Lewis has had cause to regret my new job," Ms. Lynn laughs. "He doesn't always get his supper at five-thirty and his biscuits." But Mr. Lynn has been supportive.

The job doesn't interfere with Ms. Lynn's housekeeping, mainly because those tasks aren't high on her priority list anyway. "I try to keep it sanitary and livable but that's about the best I can do." One hurdle Ms. Lynn had to cross was being labelled "just a housewife." Housewives are vastly underrated, she feels. "That term takes a beating but if you're honest, you have to admit that being a housewife doesn't mean you're not intelligent enough to do anything else."

The mayor is away from home quite a bit getting acquainted with town records and trying to learn more about her new job. She attends classes on parliamentary procedure at Western Piedmont Community College, and makes regular visits to the county seat, Morganton, where she meets with officials to discuss the future of her town.

"One of my biggest goals is to keep the community unspoiled. We want certain kinds of programs but we don't want to become a big industrial area. We don't want to grow, to be a big city. Most of our people picked Hildebran to retire in because it was a small community. I think there's too much emphasis on progress, and it takes tax money for progress."

"Somebody's got to take a stand somewhere. People are so apathetic and I want them to know what

can be done. I try to be accessible, and I don't try to tell people that if they knew how things worked they wouldn't feel that way. They've got a right to know what's going on."

Linda H. Setzer
Hickory



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Conservation Achievements Honored

Three farm families, a retired professor, a newspaper reporter, the manager of a rural electric cooperative and a number of other individuals have been honored for conservation achievements by the North Carolina Association of Conservation Districts. **Conservation Farm Families of the Year** were chosen from three major

geographic regions of the state: Mountain Region—The Baxter Doggett family of Rutherford County. A cattle farmer, and cooperater with the district for more than 30 years, Doggett uses such conservation practices as stabilization of eroding areas, pasture improvement, woodland management, grassed

waterways and ponds. The farm provides food and habitat for wildlife. Piedmont Region—The Harry Scott family of Moore County. The Scotts produce tobacco, soybeans and minimum tillage corn. Conservation practices include contour planting, grassed field borders and waterway diversions. They leave rows of grain and nut-bearing hardwoods for wildlife.

Eastern Region—the Richard Boyce family of Duplin County. A corn and soybean producer, Boyce is a 30 year ASC committeeman who derives his entire livelihood from farming and is converting some cropland to timber. Conservation practices include parallel terraces, conservation tillage, grassed field borders, water management practices and woodland management as well as an animal waste disposal lagoon.

Other awards:

Distinguished Service Award—Dr. Frederick Barkalow Jr., who recently retired both as a professor of zoology and forestry at N.C. State University and as a supervisor of the Wake Soil and Water Conservation District.

Carolina Conservation Award—Eastern Region—Edward E. Brown, Jr., Hertford, manager of Albemarle Electric Membership Corporation, Hertford, who has sponsored youth awards for conservation in five counties of the Albemarle Soil and Water Conservation Districts. He also works with the Perquimans County Rural Development Panel, Parkville Ruritan Club and the Albemarle Area Development Association. Brown is also president of the N.C. Association of Electric Cooperatives.

Carolina Conservationist—Western Region—Mrs. Florence Gilkerson, reporter, Southern Pines Pilot (Moore County.) During the past year she wrote and published more than 100 conservation articles, including one on a proposed soil survey.

President's Award—Joseph Williams, Duplin County. Former president of the State Association of Soil and Water Conservation Districts, long-time supervisor, raises tobacco, grain, hogs and purebred Angora cattle; president, Duplin County Livestock Association, secretary, Duplin County Planning Board.

Tar Heels Win National 4-H Awards

North Carolina's 40-member delegation won 11 national honors and \$11,000 in educational scholarships at the recent 59th National 4-H Congress in Chicago.

The national winners and their programs were Margaret Smith, Rt. 16, Lexington, clothing; Terry Reavis, Rt. 6, Mocksville, health; Deborah Jones, 156 Luzelle Dr., Winston-Salem, horse; Tabbie Nance, 1721 Guilford College Rd., Jamestown, food-nutrition; Sharon Whitley, Rt. 1, Como, food-preservation; Virgil Hill, Rt. 1, Asheboro, fashion revue.

Also, Jeff Morris, Rt. 9, Salisbury, electric energy; Eric Huneycutt, Locust, forestry; Mark Henderson, Wingate, conservation of natural resources; Kathy Chaney, Rt. 4, Marshville, leadership; and Beth Sanderson, Rt. 1, Four Oaks, consumer education.

Each winner received a \$1,000 educational scholarship. Donors for the scholarships and trips are about 40 business firms, foundations, associations and individuals who contribute more than \$1 million each year.

In addition, Mary Faye Leonard, 2100 Confederate St., Monroe, was named one of 16 sectional winners across the nation in the entomology program. Cheryl Owens, 905 7th Ave., Apt. 48G, Garner, was named one of 18 sectional winners in the dog care and training program.

The event was planned and conducted by the National 4-H Council in cooperation with the Extension Services of the land-grant universities.



Jones



Reavis



Smith



Nance



Whitley



Hill



Morris



Sanderson



Henderson



Chaney



Huneycutt



Leonard



Owens

Outstanding SCS Employee—Joseph F. Gallehugh, District Conservationist, Soil Conservation Service, Elizabethtown. Thirty years of service to conservation, including cropland, watershed projects, soil survey, youth programs including outdoor classrooms. This is only the fourth such award to be presented by the association.

Watershed of the Year—Jacob Swamp Watershed, near Lumberton, Robeson County. This watershed protects an agricultural area with rapid urbanization under way from flooding, covering 10,800 acres near the Lumber River at Lumberton. The project has allowed the City of Lumberton to undertake a major urban renewal program in a low-income neighborhood. Agriculture is also protected.

Watershed Person of the Year—Urban K. Biggs, Jr., for his personal efforts since the early 1960s on behalf of Jacob Swamp Watershed Project. His enthusiasm as chairman of the project has not only aided completion, but helped elect him mayor of Lumberton.

Outstanding District Secretary of the Year—Mrs. Frances "Fran" Murdock, Hendersonville, who has served as secretary of the Henderson Soil and Water Conservation District since 1972. For exceptional service to landowners and other district operators, often exceeding regular duty hours.

Goodyear Conservation Awards:

First Place—the Albemarle Soil and Water Conservation District for its program of youth activities, including poster and essay contests; public information on conservation services available; awards and other public service programs.

Second Place—the Orange Soil and Water Conservation District, Hillsborough, for its program of environmental education, including the famed "Earth Walk," youth activities, including a fishing rodeo, poster and essay contests and awards banquet.

NACD—Allis Chalmers Awards, jointly sponsored by the National Association of Conservation Districts and Allis-Chalmers Corporation. Winner: Albemarle Soil and Water Conservation District, for environmental education. Individual teacher winner: Roverda Jarvis of North Davie Junior High School in Davie County, for her work with environmental education, including outdoor classrooms.

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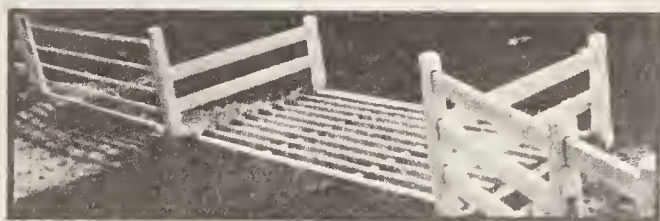
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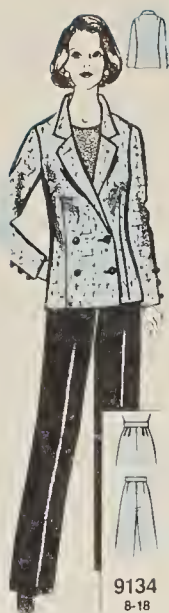
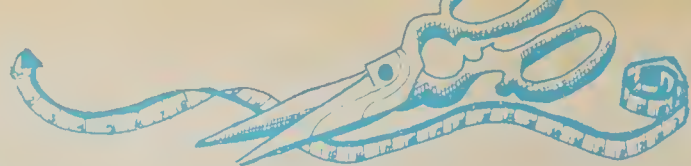
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Country Kitchen



BILLY CHILI

Billy Toole, who submitted this tangy chili recipe, is a student at N.C. State University and also works at the NCSU Faculty Club. He created this recipe at home, and had his big chance to cook it and serve it at the Club one day when the chef was sick and they needed a luncheon "special." It was a tremendous hit, and the Club has had a number of requests for it since. It's a good recipe for experimenting with the variety of spices that go into it, to get your own favorite chili taste.

COUNTRY KITCHEN RECIPE

Submitted by Billy Toole of Raleigh

BILLY CHILI

2½ lb. lean ground beef
1 15-oz. can tomato sauce
½ C. water
1 medium onion, chopped
1 tsp. salt
Dash pepper

5 Tbl. Worcestershire sauce
1 tsp. garlic powder
1 tsp. celery seeds
2 tsp. hot sauce (or to taste)
2 Tbl. soy sauce

Brown onions and ground beef. Add seasonings, tomato sauce and water. Simmer for 45 minutes to 1 hour. Serves 4-6.

If you would like to share a recipe with this column, send it to: **CAROLINA COUNTRY**, P.O. Box 27306, Raleigh, NC 27611. We pay \$5. for published recipes and present each monthly winner a set of 50 recipe cards with the winning recipe printed on them.

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SHADE TREES 1 or 2 Years Old



SILVER MAPLE
3 to 4 ft. . . 1.29 ea. 10 for 12.50
4 to 6 ft. . . 1.98 ea. 10 for 19.50
A very fast growing, soft wooded tree reaching a height of 50 to 60 feet. Leaves deeply cut and very attractive, being a silvery white underneath.



SCARLET MAPLE—Collected.
3 to 4 ft. . . 1.29 ea. 10 for 12.50
4 to 6 ft. . . 2.49 ea. 10 for 24.50
A large growing Maple tree that is known for its beautiful flowers, appearing before leaves and for its attractive red in autumn. Does well in moist or damp places.



GINKGO TREE
1 to 2 ft. . . 1.49 ea. 10 for 14.50
3 to 5 ft. . . 3.98 ea. 10 for 38.50
Very effective for lawns, foliage fern-like, yellow-green marked with delicate hairlike lines. The fruit, which matures in the fall, has a sweetish, resinous taste. 50 feet at maturity.



TULIP-TREE—Collected
3 to 4 ft. . . 1.29 ea. 10 for 12.50
4 to 6 ft. . . 1.98 ea. 10 for 19.50
One of the loveliest of our native trees. Tall growing, of shapely habit, and its large irregular leaves make it ideal for quick shade. Bears numerous tulip-like flowers in spring. Blooms are yellow, marked inside of base with orange.



GREEN WEEPING WILLOW
2 to 3 ft. . . 98c ea. 10 for 9.80
4 to 6 ft. . . 1.98 ea. 10 for 19.80
This common Weeping Willow makes a large lacy tree with long branches weeping to the ground. Good planting near water or as a plant accent alone or in groups of two or three in moist locations. Ultimate height 40 feet.



SUGAR MAPLE
3 to 4 ft. . . 1.29 ea. 10 for 12.50
4 to 6 ft. . . 1.98 ea. 10 for 19.00
The largest of all maples, and its beautiful array of yellow and orange hues make it a sight to remember due to the foliage thickness. A very hardy northern and southern tree and will grow up to 60 feet.



PIN OAK, RED OAK or SCARLET OAK
2 to 3 ft. . . 1.79 ea. 10 for 17.50
3 to 5 ft. . . 2.98 ea. 10 for 29.50
The Pin Oak is a handsome tree, especially when young, often used for avenues. Grows rapidly and prefers somewhat moist soil. Foliage bright red in fall. Fibrous-rooted and transplants well. The Red Oak is a beautiful tree of rapid growth, growing into a large majestic tree with unusually broad round head. Foliage turns dark red in fall. The Scarlet Oak has gradually spreading branches forming round-topped rather open head. Grows well in dry situations. The most brilliant scarlet fall coloring of all oaks.



SWEET GUM
2 to 3 ft. . . 1.29 ea. 10 for 12.50
4 to 6 ft. . . 1.98 ea. 10 for 19.00
Star shaped leaves turn scarlet in autumn. This tall handsome tree is broadly pyramidal in form bearing prickly brown ball-type fruits remaining on branches after the leaves fall. Gives deep shade.



WHITE BIRCH
3 to 4 ft. . . 1.49 ea. 10 for 14.50
4 to 6 ft. . . 2.98 ea. 10 for 29.00
Many people know this eye-catching native tree as White Birch or Canoe Birch. The white bark and clear yellow leaves in fall provide showy colors. Height 60 feet, spread 30 feet.



LOMBARDY POPLAR
1 to 2 ft. . . 39c ea. 10 for 3.90
2 to 3 ft. . . 49c ea. 10 for 4.90
3 to 4 ft. . . 79c ea. 10 for 7.90
Suitable as a background, also driveways, screening off outbuildings and other unsightly objects.

CRIMSON KING MAPLE
3 to 5 ft. . . 9.98 ea. 10 for 95.00
The leaves burst bright red in the spring and slowly darken to a deep, rich, maroon-red as summer progresses. The Crimson King adds an engaging accent in a cluster of other green tree foliage.

JAPANESE RED LEAF MAPLE
1 ft. . . 2.98 ea. 10 for 29.00
A lovely red leaved tree for accents, not large, can be grown as a bush if desired.

DAWNS REDWOOD
1 to 2 ft. . . 3.49 ea. 10 for 34.00
A hardy pyramid like an evergreen with fernlike foliage and cones, but it is deciduous. Enjoys wet places. One of the oldest trees known to man we know you will enjoy. Height about 35 ft.

SYCAMORE
3 to 4 ft. . . 1.29 ea. 10 for 12.50
4 to 6 ft. . . 1.98 ea. 10 for 19.00
A tree of song and poetry. Beloved for its large leaves and erect growth and the patchy white bark as tree ages. A beautiful native tree.

PERSIMMON
1 to 2 ft. . . 1.29 ea. 10 for 12.50
The Common American persimmon is a fine fruit that in its best forms is well worth growing as a home garden fruit as far north as the southern shores of the great lakes. Grows up to 50 ft. tall. Fruit yellow or orange in color with redish cheek.

CATALPA FISH BAIT TREE
2 to 3 ft. . . 98c ea. 10 for 9.50
Good understock for catalpa bungei. Used for fence post. Also becoming very popular for production of worms for fish bait.

SASSAFRAS—Collected
2 to 3 ft. . . 1.29 ea.
Ornamental tree grown for its handsome foliage assuming beautiful tints of red and gold in fall. Dark blue fruit on red fleshy stalks. Prefers a sunny location.

NUT TREES 1 or 2 Years Old

HARDY PECAN SEEDLINGS—
1 to 2 ft. . . 1.79 ea. 10 for 17.50
Beautiful, rapid growing, sturdy trees produced from seed of thin shelled, hardy varieties. Kernels are delicious but usually smaller than grafted pecans.

CHINESE CHESTNUT
1 to 2 ft. . . 98c ea. 10 for 9.50
3 to 5 ft. . . 2.49 ea. 10 for 24.00
New improved blight resistant Chestnut grown successfully where native trees have died. Hardy, prolific bearing (plant 2 or more, pollination insures a big crop). Big sweet nuts compare to the good native varieties for size and quality. Beautiful year round, medium size trees bear young.

SMALL NUT TREES
6 to 10 inch
10 Chinese Chestnut . . . \$4.95
10 Hazelnut . . . \$5.95
10 Black Walnut . . . \$4.95
10 Hardy Pecan . . . \$6.95

STUART PECANS—Paper Shell
2 to 3 ft. . . 7.95 ea. 10 for 75.50
3 to 5 ft. . . 11.95 ea. 10 for 115.00
Stuart is one of the excellent southern-type pecans that will consistently yield big crops of very high quality nuts. The trees are fast growing and are excellent for shade even in northern states, and will also produce nuts as well. These are vigorous grafted trees that are sure to give good results.

BLACK WALNUT
1 to 2 ft. . . 79c ea. 10 for 7.50
2 to 3 ft. . . 2.49 ea. 10 for 24.00
Tall, towering, sturdy, handsome trees. Valuable for timber, shade and tasty nuts.

AMERICAN BEECH—Collected
3 to 4 ft. . . 98c ea. 10 for 9.50
The American Beech averages 50 to 75 feet in height. The triangular nut is covered with a bur. The brown beechnuts are good to eat.

ENGLISH WALNUT
2 to 3 ft. . . 6.95 ea. 10 for 69.50
Attractive, broad-headed tree excellent for shade. Grow fast, be young. Large, thin-shelled, and easy to crack nuts.

BUTTER NUT
1 to 2 ft. . . 1.98 ea. 10 for 19.80
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Big pecan-shaped nuts with rich, buttery flavor and tender white meat. Hardy, fast growing, high-yielding superb shade tree.

HAZEL NUT
1 to 2 ft. . . 1.79 ea. 10 for 17.90
3 to 5 ft. . . 3.98 ea. 10 for 39.80
Quick bearing, dwarf growing. Easy to crack, large sweet kernels, shelled out whole. Fine for shrub borders and hedges.

JAPANESE WALNUT
2 to 3 ft. . . 2.98 ea. 10 for 29.80
Specimen shade tree that grows 3 to 40 feet tall and bears nuts similar to the black walnut.

FLOWERING TREES 1 or 2 Years Old



PURPLE LEAF PLUM
3 ft. ... 2.29 ea. 10 for 22.50
5 ft. ... 3.29 ea. 10 for 32.50
A red-leaved flowering plum will
contrast, color and variety to
any lawn. Holds its deep rich color
all season. Pink blossoms in early
spring, followed by ornamental
white red fruits. Hardy anywhere. At-
tains 8 to 10 feet height.



**DOUBLE PINK
FLOWERING CHERRY**
1 1/2 to 1 ft. ... 95c ea. 10 for 9.00
3 to 5 ft. ... 5.95 ea. 10 for 58.50
The upright form of the famous Japa-
nese Cherries. An outstanding
specimen for the lawn. Very large,
double pink blossoms in early spring.
Ultimate height 30 feet.



EUROPEAN MOUNTAIN ASH
3 to 4 ft. ... 3.95 ea. 10 for 37.50
Very hardy, dense head, and regular,
beautiful fernlike green foliage, cov-
ered from July till winter with lusters
of bright red berries. The combina-
tion of foliage and clustered fruits
make this most striking and beauti-
ful. Ultimate height 30 feet.



PINK FLOWERING DOGWOOD
2 ft. ... 4.95 ea. 10 for 48.50
3 to 5 ft. ... 7.95 ea. 10 for 75.00
A most valuable low growing and col-
orful tree for the lawn. Before the
leaves appear, the tree is literally
covered with rose-pink flowers suf-
fused with bright red. Grows up to 20
feet high. A gorgeous spectacle.



GOLDEN RAIN TREE
2 ft. ... 1.25 ea. 10 for 12.00
4 to 6 ft. ... 2.98 ea. 10 for 29.00
A medium sized tree does not
usually grow over 30 feet tall. Does
not mind a variety of soils, but seems
better suited to open sunshine than
shade. Midsummer brings showy
to 18 inch clusters of lemon-yel-
low flowers.



AMERICAN REDBUD
2 to 3 ft. ... 79c ea. 10 for 7.50
4 to 6 ft. ... 1.95 ea. 10 for 19.00
The Redbud is often used as a speci-
men or to provide a high point in a
shrub border. Branches are covered
with small, pea-like, purplish pink
blossoms before the foliage comes
out in spring. Ultimate height 15 feet.



GOLDEN CHAIN TREE
2 ft. ... 1.45 ea. 10 for 14.00
A low growing tree with long clus-
ters of pure golden yellow Wisteria-
like blossoms in May. Cloverlike
leaves. Height 20 to 25 feet.



SMOKE TREE
1 to 2 ft. ... 2.49 ea. 10 for 24.00
Also called Purple Fringe. It has
small yellow-green flowers in May or
early June which are of no conse-
quence, but the fruits which form in
middle of July are purplish in color
and very dense and feathery, cov-
ering the tree, giving a handsome
smoky appearance which lasts
through late summer and early fall,
and gives it its name of Purple Fringe
Tree. Grows to a height of 8 to 15
feet.



FLOWERING CRAB—Red or Pink
2 to 3 ft. ... 2.49 ea. 10 for 22.50
3 to 5 ft. ... 3.49 ea. 10 for 32.50
The Pink Flowering Crab has vigor-
ous red blossoms. After blooming
they have clusters of small red Crab
apples.



WHITE FLOWERING DOGWOOD
2 to 3 ft. ... 79c ea. 10 for 7.50
4 to 5 ft. ... 2.49 ea. 10 for 24.00
Well known to everyone, beautiful
all the year. Large, white, single blos-
soms are conspicuous early in
spring. The foliage is attractive all
summer, and the fall colors beautiful.
Red berries hang on most of the
winter. Use as a specimen, or in
groups as a background for borders.
Grows up to 30 feet high.

MIMOSA—Pink
3 to 4 ft. ... 1.29 ea. 10 for 12.50
4 to 6 ft. ... 1.95 ea. 10 for 19.50
Small ornamental tree widely planted
throughout the south. Grows to
blooming size in a short time and
masses of pink flowers are borne
through early summer. A good flow-
ering tree for almost any soil condi-
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**JAPANESE FLOWERING
CHERRY—White**
3 to 5 ft. ... 5.95 ea. 10 for 58.50
One of the many varieties of Japa-
nese Flowering Cherries. Flowers
typically white with fruits often black.
Up to 30 feet high.

"LADY" DOGWOOD
We are offering this tree in a 2 ft. size
for only \$7.98 ea.
It is a variegated yellowish white
flowering Dogwood. One of the most
beautiful of all Dogwoods. It has var-
iegated leaves from early Spring until
Fall and beautiful yellow flowers
in spring. It is a Semi-Dwarf Dog-
wood growing to a height of 12 to 15
feet. It is the first time we have ever
collected this beautiful Dogwood on
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1 to 2 ft. ... 6.98
The variety most widely used by our
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quick retail sales; rich, attractive foli-
age. Trim any desired height for a
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growing in the sun or shade. Plant 1
feet apart.

25 MULTIFLORA ROSE
1 to 2 ft. ... 7.98
Protect and beautify your property.
An inexpensive practical fence that
grows so dense no person or animal
can get through. The plant grows 6 to
8 feet tall and 5 to 6 feet wide, and are
tough and fast growing. Covered with
a multitude of white flowers in
spring, and loaded with attractive red
fruit in fall and winter which provides
food for wild life.

25 SOUTH PRIVET
1 to 2 ft. ... 6.98
True evergreen type with small
dense foliage. All stock offered is
well cultivated in field rows and not
to be confused with collected materi-
als taken from under abandoned
hedges. Uniform quality in all
grades.
10 VARIEGATED PRIVET
1/2 to 1 ft. ... 3.95
Evergreen type stays variegated
color the year around. Plant 1 ft
apart for hedge

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1 to 2 years old

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1/2 to 1 ft. ... 2.95 ea. 10 for \$27.50
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1/2 to 1 ft. ... 2.95 10 for \$27.50
These seedless grapes ripen in Sep-
tember.

BRONZE SCUPPERNON GRAPE
1 ft. ... 1.29 ea. 10 for \$12.50
Large clusters of high quality grapes
with good sweet flavor. Ripens early
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location.

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FALL: October 1-December 10

ALL OTHER STATES

SPRING: March 1-May 20
FALL: Sept. 20-Nov. 15

These are suggested dates
by leading Nursery Associa-
tions. If these delivery dates
are not acceptable to you,
please an instruction to the car-
rier. Thank you very much for
your cooperation. It is hard for
us to give the exact date of
delivery due to weather condi-
tions. In early spring, however,
every effort will be made to
ship out in the specified pe-
riod.

EVERGREENS 1 or 2 Years Old



RHODODENDRON—Collected
1/2 to 1 ft., 1.29 ea. 10 for 12.50
Rhododendrons are bushy evergreen shrubs with glossy leather-like foliage. Grows best in partial shade. Use plenty of peat moss when planting Rhododendrons.



COLORADO BLUE SPRUCE
1/2 to 1 ft., 79c ea. 10 for 7.50
Rated the most popular and valuable evergreen. Impressive color and perfect pyramidal shape adds beauty and value to any property.

NORWAY SPRUCE
1/2 to 1 ft., 79c ea. 10 for 7.50
One of the best known and one of the hardest of all spruce. Conical in habit with dark green foliage. Does well in rather sterile soil and withstands the blast in cold exposed locations.

WHITE SPRUCE
1/2 to 1 ft., 79c ea. 10 for 7.50
Has short blue-green needles completely around the twig. Resembles Colorado Spruce. A favorite for ornamentals, Christmas trees and wind-breaks.



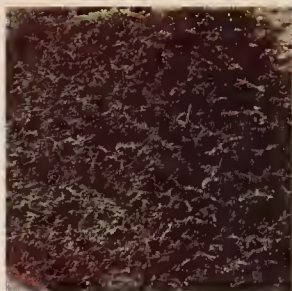
WHITE PINE
1 to 2 ft., 79c ea. 10 for 7.50
Has soft blue-green needles in a cluster. Ideal for screen or wind-break.

MUGHO PINE
4 to 6 in., 89c ea. 10 for 8.50
An ornamental that grows into a low, round ball about 6 feet tall. Dark green needles are about 2 inches long and grows in pairs. Slow growing, thrives even in poor soils.

AUSTRIAN PINE
1/2 to 1 ft., 79c ea. 10 for 7.50
Very beautiful, dark green, long-needled pine. Relatively slow-growing. Compact.

SCOTCH PINE
4 to 6 in., 89c ea. 10 for 8.50
A favorite with Christmas tree and ornamental growers. Has short blue-green needles, medium growing specie.

BAKER ARBORVITAE
1/2 to 1 ft., 99c ea. 10 for 9.50
A striking, attractive evergreen that retains its shape without shearing. Compact, pyramidal form and dark green foliage.



CANADIAN HEMLOCK—Collected
1 to 2 ft., 69c ea. 10 for 6.50
Young or old, the Hemlock is always a picture of gracefulness. Foliage dark green, lacy, close-set, drooping gracefully. The best large evergreen in heavy shade. Makes a beautiful hedge.

AMERICAN HOLLY—Collected
1/2 to 1 ft., 69c ea. 10 for 6.50
Adapted to wide range of soil and climate. Will grow into trees 25 feet or more in height but often kept sheared to small specimens. White flowers in early spring. Red berries on the berry-bearing plants serve as decoration throughout winter. A wonderful specimen plant. Female plant produces bright red berries if planted near a male Holly.



BURFORDI HOLLY
1/2 to 1 ft., 99c ea. 10 for 9.50
It carries the beautiful foliage the year 'round, with a plentiful supply of big bright red berries in winter.

DWARF BURFORDI HOLLY
1/2 to 1 ft., 99c ea. 10 for 9.50
Very slow growing, compact, miniature form. Spring bloom is followed by red berries.

JAPANESE HOLLY
1/2 to 1 ft., 99c ea. 10 for 9.50
A superior compact, dwarf holly. One of the hardest and most popular of the Crenata species. Dense habit of growth; excellent for shady areas. Small, glossy, dark green foliage. Excellent foundation plantings, planter boxes and for evergreen hedges.

HETZI HOLLY
1/2 to 1 ft., 99c ea. 10 for 9.50
Densely branched on an erect, somewhat spreading habit with lustrous large dark green convex, oval leaves.

FOSTER HOLLY
1/2 to 1 ft., 1.29 ea. 10 for 12.50
Prolific berry producer. Narrow, dark green leaves. Very hardy. Rapid grower.

HELLERI HOLLY
1/2 to 1 ft., 1.29 ea. 10 for 12.50
Dwarf prostrate mounding growth habit. Excellent for borders. Handsome small dark green leaves and compact branching.

BERKMAN'S ARBORVITAE
1/2 to 1 ft., 99c ea. 10 for 9.50
Can be sheared to any desired shape or height. Mainly used for lawn groups.

GLOBE ARBORVITAE
1/2 to 1 ft., 99c ea. 10 for 9.50
The nearest in form to a perfect globe of any evergreen and therefore very pretty and useful. Dark green, dense and dwarf. Bronze winter color.

JAPANESE YEW—Taxus, Spreading
1/2 to 1 ft., 1.29 ea. 10 for 12.50
Dark green foliage at all seasons of the year. Grows broader than tall.



ANDORRA JUNIPER
1/2 to 1 ft., 99c ea. 10 for 9.50
Grayish green foliage in summer, turning to a lavender-orchid color in the late fall, which prevails throughout the winter. Is dwarfish in growth, clinging snugly to the ground. Ultimate height 2 feet.

HETZI JUNIPER
1/2 to 1 ft., 99c ea. 10 for 9.50
A fast growing broad upright-spreading shrub generally used as a trimmed plant in a foundation planting or a large dense hedge. A blue green evergreen with scale-like needles.

SARGENT JUNIPER
1/2 to 1 ft., 1.29 ea. 10 for 12.50
Beautiful rich grey-green foliage holds its color all year. Semi-erect spreading form makes it unlimited in landscape use.



PFITZER JUNIPER—Low Spreading
1/2 to 1 ft., 99c ea. 10 for 9.50
Informal spreading evergreen plant with beautiful plume-like branches. Will stand considerable shade. Useful in foundation planting or rock garden work. Ultimate height 2 1/2 feet.



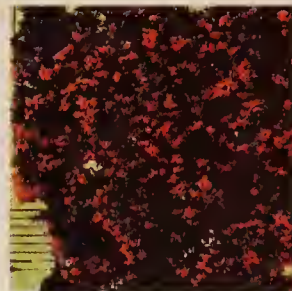
BOXWOOD
1/2 to 1 ft., 79c ea. 10 for 7.50
An excellent plant to line driveways or borders. Its small dark green leaves create dense foliage.

GARDENIA—White Blossoms
1/2 to 1 ft., 99c ea. 10 for 9.50
The Gardenia is a fragrant, waxy, white or lemon-colored flower. The tree or shrub on which it grows is a native of the tropics.

NANDINA
1/2 to 1 ft., 99c ea. 10 for 9.50
A very showy plant with its small, dainty, light green summer foliage, turning to a bronzy-red in winter. The gorgeous leaf coloring makes a beautiful background for large clusters of bright red berries that are retained throughout the winter.

BULBS, PERENNIALS 1 or 2 Years Old

10 MUMS—Mixed Colors 2.98
One of the most popular, free flowering garden favorites. These dense, low round, moundlike plants, two feet tall and two- to three-feet wide, are so full of flowers from August until severe frost you can't see the foliage.



RED OR YELLOW BERRY PYRACANTHA
1/2 to 1 ft., 1.29 ea. 10 for 12.50
Beautiful evergreen foliage with clusters of yellow berries in fall.

GLOSSY ABELIA
1/2 to 1 ft., 65c ea. 10 for 6.00
A desirable medium growing semi-evergreen shrub for foundation planting, filling corners, curves, or can be used as a hedge. The small, glossy leaves remain on most of the winter. Small, dainty, bluish-white blossoms are borne on rather arching branches from May until frost.

WAX LEAF LIGUSTRUM
1/2 to 1 ft., 49c ea. 10 for 4.50
The Wax Leaf Ligustrum is the spreading grower with thick glossy leaves. Ultimate height 6 feet. The Japanese Ligustrum is the tall, fast growing variety with dark green large, shiny leaves. Grows swiftly into a large dense shrub. Small white flowers are followed by clusters of blue berries. Height 20 feet.



MOUNTAIN LAUREL—Collected
1/2 to 1 ft., 69c ea. 10 for 6.50
A very handsome spreading broad-leaf. Leaves are dark, glossy green. A very useful landscape plant.

CHERRY LAUREL
1/2 to 1 ft., 79c ea. 10 for 7.50
A handsome evergreen that can be grown into a tree 40 feet high or pruned as a specimen. Has dark, shiny green leaves and will become more compact each time you shear it.

EUONYMUS RADICANS
1/2 to 1 ft., 39c ea. 10 for 3.50
Grows upright naturally. Makes good shrub and thick hedges, can be staked and sheared into columns. Dark green leaves and stems the year round.

EUONYMUS MANHATTAN
1/2 to 1 ft., 39c ea. 10 for 3.50
A handsome foundation plant or hedge. Upright growing medium size evergreen shrub with very glossy dark green serrated leaves.

CAMELIA SASANQUA
4 to 8 in., 99c ea. 10 for 9.50
The Camelia is a beautiful waxy flower. The blossom is borne on an evergreen tree or shrub, which is closely related to the tea plant.

BLUE RUG
4 to 6 in., 1.29 ea. 10 for 12.50
Low trailing juniper with intense silver-blue foliage. May reach 6 inches in height. Useful in rock gardens, planters and bank planting.

8 CREEPING PHLOX—Mixed Colors 2.98
Every spring-flowering type with pretty moss-like, evergreen foliage which, during the flowering season in April and May, is hidden under masses of pink or blue blooms.

10 IRIS BLUE—Collected 2.98
Unexcelled for accent planting in masses because of their remarkable eye-catching colors and long-lasting foliage.

4 PAMPAS GRASS—White Plums 2.98
One of the most graceful and showy of all ornamental tall growing grasses. Giant, silken plums 8-inches long adorn the plant in summer.

10 HIBISCUS—Mallow Marvel 2.98
Mixed colors. They grow from 5 to 10 feet with great many blooms. Die back in fall, shoot new sprouts up spring. Blooms in July.

10 SHASTA DAISY—Alaska 2.98
The large daisy-like flowers are borne on stiff stems 20-30 inches in length. It makes excellent cut flowers in June and July.

10 LUPINES—Mixed Colors 2.98
Lupines are graceful plants with beautiful foliage and lovely shaped flowers borne on state spikes. Lipines begin to flower in June on two- or three-foot spikes.

10 DAY LILIES—Orange Flowers 2.98
Bright orange flowers in June and foliage that remains all summer.

20 GLADIOLUS—Mixed Colors 2.98
A rainbow mixture will accent a garden with their spiked blooms a sword-like foliage blooming through the early summer.

10 FALL ASTERS—Mixed Colors 2.98
They bloom at a time (after long summer droughts) when many garden flowers are looking their worst.

10 CANDYTUFT—(IBERIS) Semp. White 2.98
White clusters and evergreen foliage in late April and May.

10 BABYBREATH—White 2.98
An excellent cut flower, during the month of July, especially when combined with bouquets or decoration with other flowers which do not have much foliage.

4 DAHLIAS—Mixed Colors 2.98
Dahlias are easy to grow plants repaying the least care with loads of rainbow colors. Any sunny spot with well drained soil is perfect for the plants of diversified form and blazing beauty.

10 HOLLYHOCKS—Mixed Colors 2.98
Hollyhock is a tall, hardy plant that grows for its large, colorful flowers. The flowers which grow all along the stem are round and wide open. They come in many lovely colors.

10 RHUBARB—1 yr. roots 2.98
Stalks are large, tender and juicy. Grown from selected seeds, they quickly form large clumps for tall sauces and pies.

20 ASPARAGUS—1 yr. roots 2.25 100 for 9.98
It produces shoots of finest quality and very uniform in size, shape and color. 50 to 100 roots supply an average family.

10 YUCCA CANDLE OF HEAVEN 2.98
Makes a spectacular display with towering spikes of bell-shaped creamy white flowers 3 feet tall July and August. Plant in sunny location.

6 CANNAS—Red, Pink or Yellow 2.98
Massive blooms with a minimum care have created a huge market. Cannas in your area. Immense for high quality flowers in great proportion retain their striking color summer.

FLOWERING SHRUBS 1 or 2 Years Old



RED BARBERRY
1 to 2 ft. . . . 95c ea. 10 for 9.00
Foliage bright red in spring, dull red in summer and brilliant scarlet in fall. For best coloring, plant in full sun. Ultimate height 4 feet.

BUSH HONEYSUCKLE—Red or Pink
1 to 2 ft. . . . 79c ea. 10 for 7.50
An upright shrub with a profusion of small, fragrant blossoms in May and June, but its chief charm is in its wealth of ornamental berries which cover the bush in summer and autumn and usually into winter. We offer varieties that have red or pink flowers, all having showy berries. Ultimate height 10 ft.

JAPANESE SNOWBALL
1 to 2 ft. . . . 95c ea. 10 for 9.00
A rare and exceedingly beautiful species. Flowers in large, globular heads, pure white, hanging long on the bush; a very choice and desirable shrub. Blooms in May. Ultimate height 8 feet.

FLOWERING QUINCE—Red
1 to 2 ft. . . . 95c ea. 10 for 9.00
Low growing shrub with dark green foliage. Bright orange-red flowers from April to May. Spicy fruits make fine jelly. Stands drought well.



PINK SPIREA
1 to 2 ft. . . . 79c ea. 10 for 7.50
Forms a dense mass of growth. Bright pink, fluffy flower spikes in July and August. Ultimate height 5 feet.

SCOTCH BROOM
1 to 2 ft. . . . 95c ea. 10 for \$8.50
A mass of slender pendulous filament-like branches upright in habit. Hardy, graceful, evergreen shrub. Yellow flowers in summer. Branches may be used in flower arrangements the year round. Adaptable to most any soil or condition.

DEUTZIA—White or Pink
1 to 2 ft. . . . 89c ea. 10 for \$8.50
Vigorous grower. Double white flowers in May or early June. Splendid for backgrounds or grouping. Ultimate height 6 to 8 feet. Pink same as white.



PUSSY WILLOW
1 to 2 ft. . . . 45c ea. 10 for 4.00
4 to 6 ft. . . . 1.98 ea. 10 for 19.00
Large silvery catkins. Popular for indoor forcing in late winter and early spring as well as effective lawn and garden shrub.

SWEET SHRUB
1 to 2 ft. . . . 79c ea. 10 for 7.50
This shrub has a confusing number of common names among which are "Strawberry Shrub," "Carolina All-Spice," and several others. Glossy foliage and red-brown flowers in spring followed by seed-bearing husks. Ultimate height 5 ft.



BLUE HYDRANGEA
1 to 2 ft. . . . 95c ea. 10 for 8.50
Large cool-blue blossoms throughout the summer amid green leaves. The more acid the soil, the deeper blue will be the color. Maintain soil acidity by using aluminum sulphate. Grows 3-4 ft. tall in partial sun or shade.

RUSSIAN OLIVE
1 to 2 ft. . . . 75c ea. 10 for 7.00
2 to 3 ft. . . . 1.49 ea. 10 for 14.50
Gay foliage covered with silvery dust. Large ornamental shrubs. Orange berries in autumn. Ultimate height 20 feet.

SPIREA ANTHONY WATERER DWARF—Red
½ ft. to 2 ft. 99c ea. 10 for \$9.50
Upright medium low shrub with flat flower clusters of rose-red in mid-summer. Ultimate height 3 feet.

SPICE BUSH
1 to 2 ft. . . . 99c ea. 10 for \$9.50
Handsome aromatic foliage with early yellow flowers before leaves appear. Brightly colored red berries in autumn.

GREEN BARBERRY
1 to 2 ft. . . . 99c ea. 10 for \$9.50
Well known thorny plant, with small yellow flowers in spring, red berries and highly colored foliage in fall. Useful in foundation plantings, borders, and in hedges where it can be grown naturally or kept to a definite sheared size. Ultimate height 4 feet.



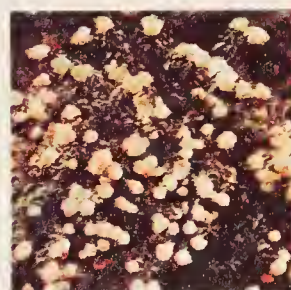
OLD FASHIONED LILAC
1 to 2 ft. . . . 1.25 ea. 10 for 12.00
An old-fashioned favorite. Requires sunny spot. Makes a good screen planting.

FRENCH LILACS—Red, White or Purple
1 to 2 ft. . . . 1.95 ea. 10 for 19.50
The French or Hybrid Lilacs, named varieties of the species, *Vulgaris*, are due to the efforts of European and American hybridizers, and the results are a great improvement over the well known common Lilac. They have, in fact, placed the Lilac on a pinnacle in the family of flowering shrubs. Ultimate height 15 feet.

PERSIAN LILAC—Purple
1 to 2 ft. . . . 95c ea. 10 for 9.00
One of the most famous Lilacs, with arching branches and very fragrant pale purple flowers in rather loose broad panicles, opening late in spring. Ultimate height 6 to 8 feet.

WEIGELIA—Red or Pink
1 to 2 ft. . . . 95c ea. 10 for 9.00
The red weigelia has a ruby-red shading and blooms all summer, pink blooms in April.

RED OZIER DOGWOOD
1 to 2 ft. . . . 69c ea. 10 for 6.50
6 to 8 feet spreading shrub with red twigs during winter. Creamy white flowers, followed by white berries, making it a useful year 'round shrub.



HYDRANGEA P.G.
79c ea. 10 for 7.50
Mammoth flowers in August when few other shrubs are in bloom. The pinkish white flowers gradually deepen to a reddish bronze. The dried flowers are often used as winter bouquets. Fine for hedges, borders, groups, or as single specimens. Very hardy. Ultimate height if not pruned 5 to 6 feet.

WEIGELIA—Variegated Pink
1 to 2 ft. . . . 99c ea. 10 for \$9.50
Although the Variegated variety has lovely light pink flowers, its main attraction is the contrast of the yellow and green variegated leaves. Makes a fine specimen planted alone, or a handsome addition to any planting. Ultimate shrub that bears deep pink flowers in June. The trumpet-shaped blooms attractive to bees and hummingbirds. Ultimate height is 4 to 5 feet.



FORSYTHIA—Yellow
1 to 2 ft. . . . 65c ea. 10 for 6.00
One of the most popular shrubs. Large, bushy plants with sweeping, graceful foliage. In spring, before leaves come out, the plant is covered with bell-shaped blooms of rich golden color. Ultimate height 8 feet.

BRIDAL WREATH SPIREA
1 to 2 ft. . . . 1.25 ea. 10 for 12.00
A splendid worthwhile shrub with fine, double white flowers, coming into bloom in May. Grows to an ultimate height of 6 feet.

BUTTERFLY BUSH—Purple or Pink
1 to 2 ft. . . . 1.25 ea. 10 for 12.50
Showy, fast growing shrubs, producing many Lilac-like flowers on panicles 5 to 12 inches long from mid-summer to frost. A beautiful shade of purple. Blooms the first year. Excellent cutflower subject. This plant often freezes to the ground during the winter, but will come up again and grow to an ultimate height of 4 to 5 feet. Attracts butterflies. Pink same as Purple.

PINK FLOWERING ALMOND
1 to 2 ft. . . . 1.98 ea. 10 for 19.50
Dainty double blossoms in May make this a very attractive shrub. Grows to a height of 4 to 5 feet. Can be supplied in pink flowers.

MOCKORANGE—White
1 to 2 ft. . . . 79c ea. 10 for 7.50
This is the familiar "Mockorange." It grows to 6 to 8 feet, sometimes more. The flowers come in May and June. Very fragrant creamy white which blossoms with a perfume that lingers on the air. A fine shrub, standing hardships well, even the smoke and dust of cities.



SPIREA VAN HOUTTIE—White
1 to 2 ft. . . . 1.25 ea. 10 for 12.00
Common "Spirea," also sometimes erroneously called "Bridal Wreath." Seen everywhere, this plant is none the less graceful if given enough room to grow naturally, and pruned properly at the right time. Ultimate height 8 feet.

WINTER HONEYSUCKLE
1 to 2 ft. . . . 1.29 ea. 10 for \$12.50
This is a delightful shrub because of the delicious scent of its tiny waxen flowers which are produced early in spring before the leaves. Foliage remains a good rich green persisting until midwinter. Glittering red berries in late summer. Ultimate height 6 to 8 feet.



CRAP MYRTLE—Red, Purple, Pink or White
1 to 2 ft. . . . 99c ea. 10 for 9.50
Strong growing shrub, adapting itself to almost any soil and condition except in the northern section where temperatures often drop below zero. Does very well south of Philadelphia. Leaves bright green; the blooms are large panicles of crinkled little florets. Blooms late July and August. Ultimate height 5 to 6 feet.

AZALEA—Red, White, Pink, or Purple
4 to 8 in. . . . 1.29 ea. 10 for 12.50
By nature Azaleas are woodland plants. They love partial shade and acid soil. The roots, which are near the surface, should be kept cool and damp, and never allowed to dry out. Oak leaves are ideal for covering the ground beneath them. Azaleas can be supplied in colors of red, white or pink. Ultimate height 6 to 8 feet.

ROSE OF SHARON—Mixed Colors
1 to 2 ft. . . . 79c ea. 10 for 7.50
Covered with single rosette-like blossoms in August and September when few other shrubs are in bloom. Fine for specimens, hedges or background in the shrub border. Ultimate height 8 to 10 feet.



BURNING BUSH
4 to 8 in. . . . 95c ea. 10 for 9.00
In fall the leaves turn a brilliant mirror-bright crimson. A 4-5 ft. showpiece with unusual corky bark. Hardy in sun or partial shade.

HYPERICIUM—Yellow. Collected
1 to 2 ft. . . . 69c ea. 10 for \$6.50
A brilliant mound of gold all summer. Dazzling golden flowers 2 to 3 inches in diameter on a low growing shrub of glossy green foliage. Fine for foundation planting 3 to 4 ft. tall.

ALTHEA—Red, Purple, White or Pink
1 to 2 ft. . . . 99c ea. 10 for \$9.50
Covered with double rosette-like blossoms in August and September when few other shrubs are in bloom. Fine for specimens, hedges, or background in the shrub border. Ultimate height 8 to 10 feet.

TAMARIX—Pink Flowers
1 to 2 ft. . . . 99c ea. 10 for \$9.50
Upright shrub with feathery light green foliage. Small pink flowers borne profusely on gracefully bending branches in May and June. Ultimate height 12 feet.

FRUIT TREES 1 or 2 Years Old



PLUMS

RED JUNE PLUM

2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
This large plum matures very early. The tree bears heavily. To avoid "June drop" the dropping of excess fruit, thin the fruits.

METHLEY PLUM

2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
One of the better varieties. Fruit is large in size, reddish purple in color with red flesh. Tree is vigorous grower and does well on most types of soil. Heavy annual bearer. Good shipper.

BURBANK PLUM

1 to 2 ft. ... 1.25 ea. 10 for 12.00
2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
Large, purplish-red plum with yellow delicious flesh. A very prolific variety. Excellent eating and commercial plum. Good shipper. Ripens late June.

DAMSON PLUM

1 to 2 ft. ... 1.49 ea. 10 for 14.00
2 to 3 ft. ... 2.49 ea. 10 for 24.00
3 to 5 ft. ... 3.98 ea. 10 for 39.00
Very dark blue, and bears in August.

ORIENT PEAR

2 to 3 ft. ... 2.98 ea. 10 for 29.50
3 to 5 ft. ... 3.98 ea. 10 for 39.50
One of the very few varieties, almost entirely immune to blight. Its fruit is excellent fresh or canned; melting juicy, mild subacid flavor. Fruit round yellowish with red blush. Interplant with Keiffer for pollination purposes. Late August.

KEIFFER PEAR

2 to 3 ft. ... 2.98 ea. 10 for 29.50
3 to 5 ft. ... 3.98 ea. 10 for 39.50
Ripens late September. One of the best known varieties and grows to a large size. Fruit long and heavy, flesh coarse and not so sweet. Largely planted for canning and is excellent for preserving.

BARTLETT PEAR

2 to 3 ft. ... 2.98 ea. 10 for 29.50
3 to 5 ft. ... 3.98 ea. 10 for 39.50
Grown profitably in every pear growing section in America. Trees vigorous and bear young. Large smooth yellow fruit with sweet white flesh. Flesh fine grained and juicy.

BELLE OF GEORGIA PEACH

1 to 2 ft. ... 1.25 ea. 10 for 12.00
2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.79 ea. 10 for 27.50
Very vigorous, hardy and productive. Leading white variety for commercial use. Fruit large, with bright attractive red almost covering the white background. Flesh white, highly flavored and very firm. Freestone.

NECTARINE

1 to 2 ft. ... 1.29 ea. 10 for 12.00
2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
It resembles and grows like peaches with the same luscious, sweet, juicy, mellow, golden flesh. The thin, smooth, plum-like skin is absolutely fuzzless.

ELBERTA PEACH

1 to 2 ft. ... 1.25 ea. 10 for 12.00
2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.79 ea. 10 for 27.50
Still the most popular peach on the market, and universally planted. Yellow freestone of excellent quality; juicy, firm, but tender. Tree is hardy, productive and disease resistant.

J. H. HALE PEACH

1 to 2 ft. ... 1.25 ea. 10 for 12.00
2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.79 ea. 10 for 27.50
Excellent for home and commercial planting. Large, yellow flesh, firm. Freestone.

DIXIE RED PEACH

1 to 2 ft. ... 1.25 ea. 10 for 12.00
2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.79 ea. 10 for 27.50
Dixie Red Peach is a yellow fleshed peach which ripens six weeks earlier than the Elberta Peach.

GOLDEN JUBILEE PEACH

1 to 2 ft. ... 1.25 ea. 10 for 12.00
2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.79 ea. 10 for 27.50
A very popular early yellow flesh peach; excellent for home garden plantings and local sales. Good size fruit of fine quality. A very important feature is its excellent winter hardiness which insures a fine crop each year.

CHAMPION PEACH

1 to 2 ft. ... 1.25 ea. 10 for 12.00
2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.79 ea. 10 for 27.50
Fine flavored, large blushed, freestone peach with a real sweet delicious white flesh, extremely hardy and productive.

HALE HAVEN PEACH

1 to 2 ft. ... 1.25 ea. 10 for 12.00
2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.79 ea. 10 for 27.50
Today's most planted, most popular and most dependable hi-yielding, hi-quality, hardy yellow freestone. Rapidly overtaking Elberta.



MONTMORENCY CHERRY

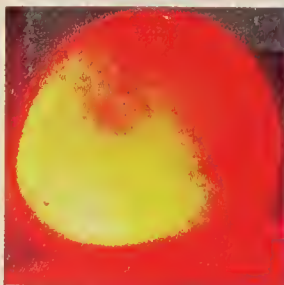
2 to 3 ft. ... 4.98 ea. 10 for 49.50
3 to 5 ft. ... 7.98 ea. 10 for 79.50
Universally recognized the best sour cherry for eating fresh, canning, baking and preserving. Bears large fruit very young. America's favorite hi-yielding cherry.

BLACK TARTARIAN

2 to 3 ft. ... 4.98 ea. 10 for \$49.50
3 to 5 ft. ... 7.98 ea. 10 for \$79.50
The big, almost black sweet Cherry everyone likes. Fine for eating, canning and freezing. Luscious Cherries ripen in June.

RELIANCE PEACH

2 to 3 ft. ... 2.98 ea. 10 for \$27.50
3 to 5 ft. ... 4.49 ea. 10 for \$47.50
An exceptionally hardy yellow peach which will stand the winters of the Northland. This flavorful freestone allows many of you to have the pleasure of home-grown peaches in areas heretofore too cold for peaches. This variety is also easier to care for. Ripens late July.



APRICOTS—Moorpark or Early Golden

1 to 2 ft. ... 1.25 ea. 10 for 12.00
2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
The Moorpark Apricot is a large, yellow variety that is most widely planted. It bears in July and is of a Supreme Quality. The Early Golden Apricot is large and yellow, which is better suited for the Southwest. It bears in early July and is Freestone.

RED ROME BEAUTY APPLE

2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
Large uniform size. Crisp, juicy, aromatic, with white flesh. One of the longest keepers of all apples.

RED DELICIOUS APPLE

2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
One of America's favorite apples. Ripens in fall. Dark red color, firm flesh.

LODI APPLE

2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
The favorite early yellow apple. The same fine flavor as the Early Harvest, but much larger and firmer. Unsurpassed for cooking.

EARLY HARVEST APPLE

2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
Our best selling, early, high yielding golden variety. Will grow fast and bear young. A cooking apple known to housewives everywhere.

RED JONATHAN APPLE

2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
A deep red apple of highest quality with a delicious crisp, tender flesh. Fine for cooking and freezing.

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3 to 4 ft. ... 7.98 ea. 10 for 75.00
Five different varieties budded on one tree—nice long limbs of each variety that includes the following: Yellow Delicious, Red Delicious, Stayman Winesap, Early Harvest, and Rome Beauty Nice well branched tree.

GRIMES GOLDEN APPLE

2 to 3 ft. ... 1.95 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
The tree is hardy, grows upright and is quite disease resistant. Medium to large, bright yellow, flesh fine grained, juicy, with a very pleasing spicy flavor. Highly recommended and widely planted to pollinate self-sterile varieties.

YELLOW DELICIOUS APPLE

2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
A big beautiful, golden apple that ripens late. Trees are very vigorous and bear quite young. Good for home and fresh market sales.

STAYMAN WINESAP APPLE

2 to 3 ft. ... 1.98 ea. 10 for 19.00
3 to 5 ft. ... 2.98 ea. 10 for 29.00
The most popular long keeping winter apple. An improved red strain with better color, large size and better keeping qualities.

DWARF FRUIT TREES 2 or 3 Years Old

No longer just a special feature of exclusive gardens, dwarf fruit trees are now available to all, and at reasonable prices. These wonderful space saving trees are produced by budding or grafting regular varieties on special dwarfing rootstocks. Even though the tree remains much smaller, the fruit is of full size and quality. One outstanding feature of dwarf trees is that they begin to bear fruit when only 2 or 3 years old. Just the thing for home gardens where space is so valuable. These trees usually reach 6 to 8 feet at maturity.



CRISP APPLE

DWARF ELBERTA PEACH

2 to 3 ft. ... 3.29 ea. 10 for 32.00
3 to 5 ft. ... 4.98 ea. 10 for 47.50

DWARF RED HAVEN PEACH

2 to 3 ft. ... 3.29 ea. 10 for 32.00
3 to 5 ft. ... 4.98 ea. 10 for 47.50

DWARF BELLE OF GEORGIA PEACH

2 to 3 ft. ... 3.29 ea. 10 for 32.00
3 to 5 ft. ... 4.98 ea. 10 for 47.50

DWARF GOLDEN JUBILEE PEACH

2 to 3 ft. ... 3.29 ea. 10 for 32.00
3 to 5 ft. ... 4.98 ea. 10 for 47.50

DWARF MONTMORENCY CHERRY

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2 to 3 ft. ... 4.98 ea. 10 for 49.50

DWARF BARTLETT PEAR

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DWARF KIEFFER PEAR

2 to 3 ft. ... 4.98 ea. 10 for 49.50

DWARF YELLOW DELICIOUS APPLE

2 to 3 ft. ... 3.29 ea. 10 for 32.00
3 to 5 ft. ... 4.98 ea. 10 for 47.50

DWARF RED DELICIOUS APPLE

2 to 3 ft. ... 3.29 ea. 10 for 32.00
3 to 5 ft. ... 4.98 ea. 10 for 47.50

DWARF WINESAP APPLE

2 to 3 ft. ... 3.29 ea. 10 for 32.00
3 to 5 ft. ... 4.98 ea. 10 for 47.50

DWARF EARLY MCINTOSH APPLE

2 to 3 ft. ... 3.29 ea. 10 for 32.00
3 to 5 ft. ... 4.98 ea. 10 for 47.50

DWARF RED JONATHAN APPLE

2 to 3 ft. ... 3.29 ea. 10 for 32.00
3 to 5 ft. ... 4.98 ea. 10 for 47.50

DWARF YELLOW TRANSPARENT APPLE

2 to 3 ft. ... 3.29 ea. 10 for 32.00
3 to 5 ft. ... 4.98 ea. 10 for 47.50

DWARF BURBANK PLUM

2 to 3 ft. ... 3.98 ea. 10 for 38.95

BERRY PLANTS, ETC., 1 or 2 Years Old



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Blakemore or Tennessee Beauty 2.98
For many years the excellent processing qualities of Blakemore have made it one of the most important of all strawberry varieties. Its berries are very firm and have an outstanding bright red color. Tennessee Beauty is recommended as a commercial variety in south central and eastern states, where its firmness is a definite advantage. Plants are vigorous and make lots of runners. The berries are of medium size and have a bright, deep red color.

BLACK RASPBERRY

1/2 to 1 ft. .99c ea. 10 for 8.50
The Black Raspberry is an excellent early raspberry that produces big crops of delicious, high quality berries. Very hardy and vigorous. It is the best commercial variety in Ohio and other states.

RED EVERBEARING RASPBERRY

1/2 to 1 ft. .99c ea. 10 for 8.50
20—16.50
The Red Everbearing Raspberry is an everbearing type that produces a large crop in June and yet another fine crop in September. The fall crop is considerably earlier than that of other everbearing raspberries so it is especially desirable. The berries are unusually large and have a delicious flavor. You will surely want some of this wonderful variety in your garden.

BOSEN BERRY

1/2 to 1 ft. .89c ea. 10 for 8.50
Largest thornless berry ever developed. Extra fancy beautiful superb quality fruits often 1 1/2 inches long. Excellent for eating, canning, freezing juices, etc.

BLACKBERRY

1/2 to 1 ft. .99c ea. 10 for 8.50
Mouth-watering giant berries, over an half inch long, ripen over a long period on dependable, sub-zero hardy bushes.

BLUEBERRIES—Weymouth, Earlblue, Bluegray, Berkeley, Bluecrop, Rancocas, Rubel, Jersey
1 ft. ... 2.98 ea. 10 for 29.50
During July and August, every bush is loaded with huge, grapelike clusters of sapphire blueberries. Need acid soil and plant very shallow.

FIGS

1 to 2 ft. ... 2.49 ea. 10 for 24.00
Handsome, bushy plants will bear figs this summer on new growth. Give winter protection or pot for indoor plant in the north.

DEWBERRY

1/2 to 1 ft. .69c ea. 10 for 6.50
Most desirable and profitable early berry. Larger than blackberries, first to ripen. Big, glossy, black fruit brings high market prices.

GOOSEBERRY

2 yr.—1 ft. .149 ea. 10 for 14.00
The berries hang on slender stems below branches, easy to pick. Fruit deep pink when fully ripe.

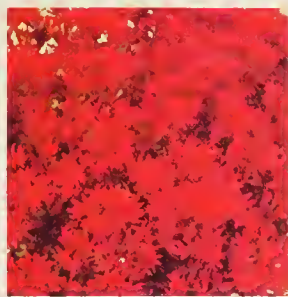
25 GEM EVERBEARING STRAWBERRY

2 yr.—1 ft. .298 ea. 10 for 29.80
Gem is so much like Superfection that we consider it to be the same variety. But call it what you want. It is still the most dependable everbearer in the northeast.

GROUND COVERS 1 or 2 Years Old



CROWN VETCH..... 10 for 2.98
Popular perennial ground cover that beautifies, problem slopes and banks. Needs no maintenance or mowing. Thrives in any climate, in sun or semishade. Winter hardy, it provides effective erosion control, actually improves soil.



SEDUM, DRAGON'S BLOOD 10 for 2.98
Sedium makes a good ground cover and they are often used in naturalized situations. They have the characteristic of setting on or affixing themselves to rocks and walls. Give sedum a well-drained sandy soil that is well supplied with humus or rotted leaf mold.



VINCA MINOR—Clumps, Collected
10 for 2.50..... 100 for 24.00
An old-fashioned popular vine for ground covering growing well in the shade; useful also for porch and window boxes. The flowers are light blue color. The green leaves stay on all winter; will grow under almost any condition.



ENGLISH IVY
4 to 8 in..... 39c ea.
10 3.50 100 for 30.00
The English Ivy is an Evergreen Ivy. Excellent covering for stone, concrete or brick structure. Luxuriant dark green foliage is very glossy. It thrives in dense shade. Good ground cover.

AJUGA BRONZE
1/2 to 1 ft. 5 for 2.50; 10 for 4.50
Vigorous, low growing and spreading plant that makes a dense ground cover. Produces small spikes of blue flowers in mid-April. Does best in shade with good drainage. Has bronze-purple foliage.

TRUMPET CREEPER
1/2 to 1 ft. 99c ea. 10 for \$9.50
An old favorite that will stand most severe climatic conditions. Clings to any rough surface. Long, trumpet-shaped, brilliant orange-red blossoms.

HALLS HONEYSUCKLE
1 ft. 49c ea. 10 for 4.50
A fragrant continuous blooming vine to cover fences and trellises. An excellent root system for holding steep banks and a general ground cover. Ultimate height 20 feet.

EUONYMUS COLORATUS
1/2 to 1 ft. 39c ea. 10 for 3.50
Rapid growing, low, creeping plants withstand sun or shade. Lustrous evergreen foliage turns purple in winter. Fine for covering banks.

VINES 1 or 2 Years Old

WISTERIA—Purple
1/2 to 1 ft. 1.29 ea. 10 for 12.50
Very popular woody vine which grows to immense proportions when not controlled. Long clusters of lilac colored flowers are noted both for beauty and fragrance.

CLEMATIS VINE—Collected—White
1/2 to 1 ft. 79c ea. 10 for 7.50
This family of plants is noted for its rapid, slender growth, delicate foliage and profusion of blooms through the summer. They do best in rich soil, where they can have plenty of sun. Very decorative for trellises. They are covered with white flowers.

RED SCARLET HONEYSUCKLE
1 ft. 98c ea. 10 for 9.50
Coral-red blooms of large size and beautiful blue-gray-green foliage. The most brilliantly colored of all the honeysuckles. Hardy anywhere and blooms from spring till frost.

BITTERSWEET
1 ft. 79c ea. 10 for 7.50
Hardy vine with red berries and orange husks that can be cut and hung in the home. A favorite winter decoration.

YELLOW JASMINE
1/2 to 1 ft. 1.29 ea. 10 for 12.50
Unbelievable fragrance comes from the great mass of yellow trumpet shaped flowers that cover the evergreen vine each Spring, about Crab-Apple blooming time.



GRAPE VINES—Concord, Niagara, Lutte, Fredonia, Delaware, Catawba
1 to 1 ft. 99c ea. 10 for 9.50
The Concord Grape is one of the most popular and reliable grapes ever grown. Bunch is large and round and well shouldered. Berries are large and round, almost black in color. Juicy and delicious with a very sweet, buttery flavor. The Niagara Grape is an excellent white grape. Ripens about two weeks before Concord and has excellent flavor.

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Warning: Due to the natural character of trees and nursery stock, mail order shipments may contain trees and nursery stock which are dead or non-viable and will not survive. Loss of a portion of any order of trees and nursery stock when ordered through the mail is not uncommon. Consult the warranty offered by any mail order nurseryman to determine the degree of protection afforded against such loss.

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TWO-WAY GUARANTEE: We ship live plants packed well to reach you in perfect condition. However, sometimes a package gets lost and stays in transit a long time. In this case, in the Fall and Winter when plants are dormant you can scrape on the bark and tell whether the plants are alive or not. If the bark is green it is alive. We believe we have the best guarantee any mail order nursery could possibly offer. Here is our two-way guarantee. First guarantee—when you receive your order, if there are any plants in bad condition, you notify us immediately and we will replace absolutely Free. Second guarantee—The reason we make this strong guarantee is because there is no reason any of the plants should die. However, if any fail to live within 12 months from the date of delivery, we will replace for one-half of the original purchase price, plus \$1.00 for postage and handling. No return of dead plants necessary. We guarantee our plants to be true to name and color. Anything that proves to be wrong color or variety, we will replace free.

NOTICE

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Energy Conservation's Endless Jargon

ENERGY EFFICIENCY RATIO (EER)—A measure of air conditioner efficiency. The EER is defined as the number of BTU's of heat removed from the house by an air conditioner per watt of electrical energy used to operate the unit. A unit with higher EER is more efficient.

HEAT PUMP—A device, similar in operation to an air conditioner, which extracts heat from the outdoor air in winter and moves it indoors. It is electrically operated but is more efficient than electric resistance heat under most climate conditions. In the summer, a heat pump operates to provide cooling like an ordinary central air conditioner.

INSULATING GLASS—Two layers of glass with an air space in between, manufactured as a single unit.

PASSIVE SOLAR HEATING—The passive solar heating system involves no machines. It depends upon the configuration of the building and materials used without recourse to mechanical heat circulators. A passive system might use chambers in a building's walls to collect and store so-

lar heat. Through natural convection, the air circulates—warm air moves up, cooler air moves back into the system by being fed through a lower level.

R-VALUE—A measure of the insulating value of a substance, a higher R-value means a higher insulating ability.

RETROFIT—Alteration of a home or addition of materials or devices to improve its energy performance.

THERMAL BREAK—A layer of insulating material between the inner and outer frames of a metal-framed window.

THERMAL DOOR—A tightly sealed door manufactured with an insulating core encased within an outer shell.

VAPOR BARRIER—A thin sheet of plastic or specially treated paper that resists penetration by moisture.

DEGREE DAY—A measure of winter climate severity. One degree day is one degree Fahrenheit difference between the average outdoor temperature for the day and a standard temperature of 65 degrees Fahrenheit.

ACTIVE SOLAR HEATING—A solar heating system that depends in some

way upon machinery. It may consist of a solar collector with associated pumps or fans. This system collects solar energy through a plate, or plates placed on heat-absorbing material such as water or ethylene glycol. The absorber captures heat and is pumped inside, slowly releasing the captured warmth.

BATT INSULATION—Pieces of glass fiber or rock wool insulation, 16 or 24 inches wide and 4 or 8 feet long.

BLANKET INSULATION—Long rolls of glass fiber or rock wool insulation.

BLOWN-IN INSULATION—Loose insulation injected into a wall cavity or attic by means of a special machine.

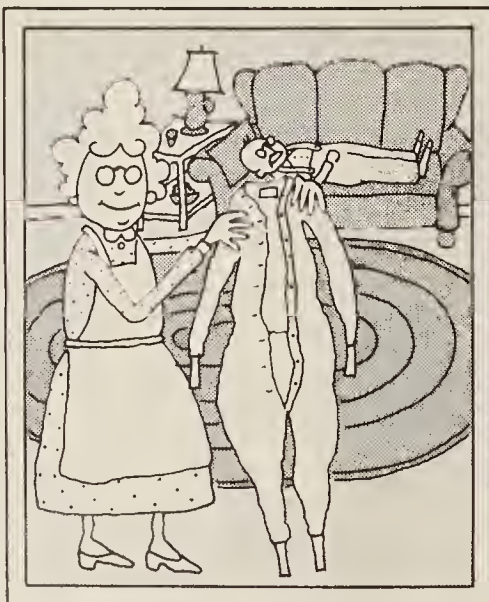
COEFFICIENT OF PERFORMANCE (COP)—A measure of the efficiency of a heat pump or air conditioner. The COP is defined as the number of BTU's of heat that are moved between indoors by each BTU of input energy used to operate the unit. A unit with COP is more efficient.


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To obtain BASIC TOLE PAINTING, #HA60, please send \$2.75. Also available is TOLE PAINTING MADE EASY, #U104, \$3.50, with traceable tole designs for an owl, hearts, flowers, and a peacock. Both prices include 1st class postage and handling. PATTERNS FOR BETTER LIVING picturing over 600 woodworking and handicraft ideas is \$1.75 (including postage). Send your check or money order to:

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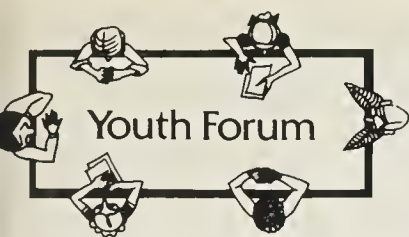
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CC-2



WHAT CAN BE DONE TO IMPROVE SCHOOL BUS SAFETY IN NORTH CAROLINA?

North Carolina bus safety has become a serious problem over the past year. Public officials have issued young students, some as young as 16, a bus license. These students have a tremendous responsibility, a responsibility that some, although capable of driving a bus, cannot always handle. It should be the law of North Carolina that student school bus drivers have a monitor ride on their bus route with them. The monitor can help keep order on the bus while the driver concentrates only on driving. When a monitor isn't available, then only a qualified, trained adult should be allowed to drive the school bus.

**Jacquelyn Moore
Warsaw**

Jacquelyn is a junior at James Kenan High School and enjoys reading and participating in sports. She and her parents, Mr. and Mrs. John E. Moore, are served by Four County EMC, Rose Hill.

I am a student bus driver for an elementary school in Cumberland County. As a bus driver, I see a lot of children on my bus misbehaving, and I have to maintain order and drive at the same time. I think school bus safety should be taught at school and be enforced. A monitor would prove effective, because I have to drive, not be a babysitter. There should be three in a seat at the most, and no more than 60 children on the bus. That should be a law! In case of an accident, I think bus drivers should know how to apply first aid, and I think that all children should wear seat belts.

**Teresa Heath
Fayetteville**

Teresa is 17 years old and enjoys baton twirling, going places and swimming. She and her parents, Mr. and Mrs. Daniel Heath, are served by Lumbee River EMC, Fayetteville.

In my opinion there are many ways in which dangers can be lessened and accidents can be prevented. Young persons should know and follow the rules of safe procedures everywhere. Schools should have safety committees that try to make pupils aware of good safety practices. They should read books and view films or slides on safety, which their school should provide, and thoughtfulness of others is the first rule of safety.

**Tara Brown
Council**

Tara is a freshman at East Arcadia Junior High School and enjoys writing, poetry, drawing and reading. She and her parents, Mr. and Mrs. Cleaveland Brown, are served by Four County EMC, Burgaw.

NEXT QUESTION: What should President Ronald Reagan's first priority be during his first few months in office, and why?

If you have a good answer, send it to **YOUTH FORUM, Carolina Country, P.O. Box 27306, Raleigh, NC 27611** immediately. Tell us a few facts about yourself—your age, school, hobbies, etc. Include your parents' name and the name of the corporation serving you. If your answer is published, we will send you \$5. If you want to submit a question, send it along and for each one used, the sender will receive a \$5 check.

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Communities' Industrial Development Efforts Cited

A total of 112 communities across North Carolina have been named winners in the Community of Excellence Awards Program, signifying that they have taken a series of steps to make themselves accessible and attractive for new industry.

The awards were presented to officials of each community by Gov. Jim Hunt in ceremonies at

Raleigh.

The program is available only to towns with fewer than 15,000 residents and only if the town has some industrial sites ready for immediate use.

An applicant must also have a functioning economic promotion organization, a development corporation able to finance construction of industrial

buildings, a detailed community profile and up-to-date brochure pointing out community facilities and services, a functioning planning commission, a knowledgeable development team and an aggressive sales pitch.

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Please rush me _____ (#0077) pair(s) of those Thermal Socks at \$2.98 plus 95¢ postage & handling per pair. If I'm not delighted I may return my order within 14 days for refund, less postage & handling.

SAVE: Two pair only \$4.98 (plus \$1.25 postage & handling).

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Enclosed is \$_____ CT. residents add 7½% sales tax. Check or money order, no C.O.D.'s, please.

Specify sizes:
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Name _____

Address _____ Apt. # _____

City _____ State _____ Zip _____



Childhood is that wonderful time when all you have to do to lose weight is to take a bath.

The lion sprang upon the bull and devoured him. After he had feasted, he felt so good that he roared. The noise attracted some hunters who killed the lion.

The moral of the story: When you are full of bull, you should keep your mouth shut.

One day instead of serving the usual hot meal, the school cafeteria handed out peanut butter and jelly sandwiches.

After lunch, a satisfied first grader marching out the door complimented the cafeteria manager: "Finally, you gave us a home-cooked meal!"

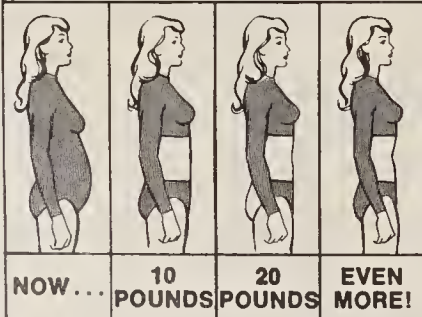
The airline pilot turned on the intercom and told the passengers: "I have some good news and some bad news. The bad news is that we have a hijacker aboard the plane. The good news is that he wants to go to the French Riviera."



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IT STILL KEEPS WORKING!

POWER SHAPES YOU NOW,
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Please send me _____ (#9005) Power Slim(s) at only \$7.98 plus \$1 postage & handling.

☐ **SAVE:** Order two for only \$14.98 — one to wash and one to wear — and we'll pay postage.

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Exp. Date _____

Name _____

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City _____ State _____ Zip _____



NO! THIS IS NOT A
GRAPEFRUIT, IT'S A

6½ POUND TOMATO

JUST TOO BIG
TO FIT ON
THIS PAGE!

One slice covers an
entire sandwich
Two slices hide an entire plate
Just one of these record-breaking
tomatoes makes a mouthwatering salad
for a family of 4 all by itself!

...OVER 8-INCHES ACROSS!

"Jolly
Red Giant"
(DELICIOUS)

6 Times Bigger Than Beefsteaks!

and now here is how you too can grow...pick...enjoy the largest tomato
variety the world has ever known...with h-u-g-e SUPER-GIANT 2 lb., 3 lb.,
and up to even 5 lb. and 6 lb. (or bigger yet) tomatoes...this very summer
and smack up 'til frost!



SO BIG IT TAKES TWO HANDS TO HOLD THEM!

Straight from the "Guinness Book of World
Records" comes the largest, best-tasting to-
mato ever grown in the world. A huge, super-
fruiting variety developed by one of Ameri-
ca's leading hybridizers—tested and re-tested
by plant scientists before release to the pub-
lic...now yours to pick by the basketful this
very summer...smack up to frost! Hailed by
the experts as the world's biggest tomato
with single slices weighing as much as a
quarter of a pound each!—we call it "The
Jolly Red Giant"...a cross-breeding triumph
incredibly delicious and so spectacular in
size...it's guaranteed to make your garden
the most talked about showplace in your
neighborhood this very summer...actually
drawing traffic to a screeching halt in front of
your home. 'Cause, never in your life have
you seen or tasted a tomato like it—a super-
fruiting hybrid SO BIG it takes up to 3 cans
of tuna fish to stuff just one tomato!

IMAGINE, AS MANY AS 10-20 "STEAK-SIZE" SLICES FROM A SINGLE TOMATO!

Yes, here is the true SUPER-GIANT of the
fire tomato world. Mammoth meat-packed
beauties that pour forth in bumper-crop har-
vests. Pounds upon pounds of luscious to-
atoes...and each 'JOLLY RED GIANT' to-
mato is more delicious than even the most
highly-prized \$1-a-pound beefsteaks. And
they're so darned eager to produce by the

armful right up to frost, they're yours to grow
—pick—enjoy for mere pennies a pound.

JUST ONE "JOLLY RED GIANT" WEIGHS AS MUCH AS 6 STORE-BOUGHT TOMATOES— TASTES TWICE AS GOOD!

Best of all, because they're virtually care-
free...and produce so heavily...you'll spend
more time picking them, eating them, enjoy-
ing them, than growing them.

You simply follow the easy growing in-
structions and grow 'em for either mammoth
size of individual fruit (by simply pinching off
some buds) or leave the buds and grow these
SUPER-GIANT HYBRIDS for massive out-
pouring of fruit (still up to 3 times bigger than
beefsteaks...though not record-breaking 5
or 6 pounds!).

SO BIG THEY EVEN MAKE BEEFSTEAKS LOOK LIKE MINI-TOMATOES WHEN YOU PUT THEM SIDE BY SIDE!

Yes, for an everbearing parade of mouth-
watering taste-treats by the platterful this
summer to frost...order these GIANT hybrid

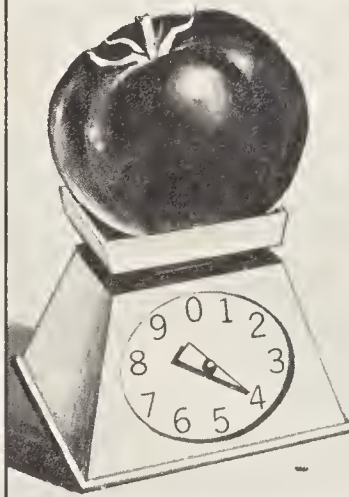
ONE SLICE MAKES A PLATEFUL... TWO SLICES MAKE A POUND!

Imagine a 6½ pound tomato (world's 'record-smasher')
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kind of 'scale-busting' results reported in the "Guin-
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Bigger than a grapefruit...gives
you up to 10-15-20 slices per tomato!

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How's this for over
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LOOK AT THESE
"SCALE-
BUSTING"
RESULTS grown
not by experts—
but by everyday
gardeners like
yourself.

wonder-tomatoes today. Sent to you the pro-
fessional nurseryman's way...in its own pre-
treated, pre-seeded starter pot... **Guarantee-**
ing: you'll pick 'em by the basketful for the
ridiculous cost of less than a few pennies a
pound, or return anytime for full refund (less
postage & handling).

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346 Maple Ave., Westbury, N.Y. 11590

Please rush me the JOLLY RED GIANT wonder tomatoes
checked below. I understand each is sent the professional
nurseryman's way—in its own pre-treated, pre-seeded
starter pot, all ready for me to grow super, giant tomatoes
all season long. If I'm not delighted, you refund the full
purchase price (except postage and handling)

- ☐ (001) 1 Jolly Red Giant tomato \$2 (+ 50c post & hand)
- ☐ (003) 3 Jolly Red Giant tomatoes \$5 (+ 75c post & hand)
- ☐ (006) 6 Jolly Red Giant tomatoes \$7.50 (+ \$1 post & hand)
- ☐ (012) 12 Jolly Red Giant tomatoes \$10 (+ \$1 post & hand)
- ☐ (020) TOMATO LOVERS' SPECIAL 20 Jolly Red Giant
tomatoes, only \$15 (We pay post & hand) **SAVE \$35!**

Total amount enclosed \$ _____ NY residents
add sales tax Check or money order, no COD's

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Div. of Willow River Nursery Sales, Inc.

The town of Portachuelo, Bolivia, is typical of the villages which are served by an electric cooperative based in Santa Cruz. The cooperative was established as a result of a culture-to-culture program involving a North Carolina electric co-op.



Co-op's Culture-To-Culture Program Creates "An Understanding Between Peoples"

This is the second in a three-part series on programs linking North Carolina with nations abroad.

A North Carolina rural electric cooperative is involved in a culture-to-culture program with Bolivia which has fostered the development of a "sister" cooperative in that country —

and, in the process, given the Tar Heel co-op a new perspective on international relations.

Since the program began 18 years ago, nine staff members and two board presidents from Blue Ridge Electric Membership Corporation, Lenoir, have made a total of 20 trips to Bolivia especially to assist the "sister" co-op and others.

In addition, about 20 Bolivians, representing several co-ops throughout the South American country, have visited Blue Ridge EMC to gain first-hand knowledge of how a U.S. electric cooperative operates.

It's been a mutually beneficial arrangement, according to the EMC's employees and directors who've participated.

"We've benefited just as much as they have," said Barbara Deverick, manager of organizational planning, who has made four trips to Bolivia.

"We can identify with another culture, and it's been helpful to us to see how they make do with limited resources."

The Blue Ridge-Bolivian connection has stemmed from a program sponsored by the National Rural Electric Cooperative Association (NRECA) which taps representatives of U.S. co-ops for overseas duty to help new co-ops get established. Under the program, the employees and directors who participate take unpaid leave from their jobs, with NRECA covering their salaries while they're on assignment.

About a year after the program was initiated in 1962, Cecil Viverette, the manager of Blue Ridge EMC, was asked to do a study of the feasibility of establishing a co-op in Santa Cruz, Bolivia.

He packed up his wife and daughter and was off to South America for a one-year assignment.

While in Bolivia, he laid some of the essential groundwork for the formation of an electric cooperative. He did a survey of the city and the surrounding area which clearly demonstrated the need for a co-op, and the residents were enthusiastic about the idea. However, the government took another view.

Officials of the power and generation branch felt strongly that the government should own and operate all of the country's utilities.

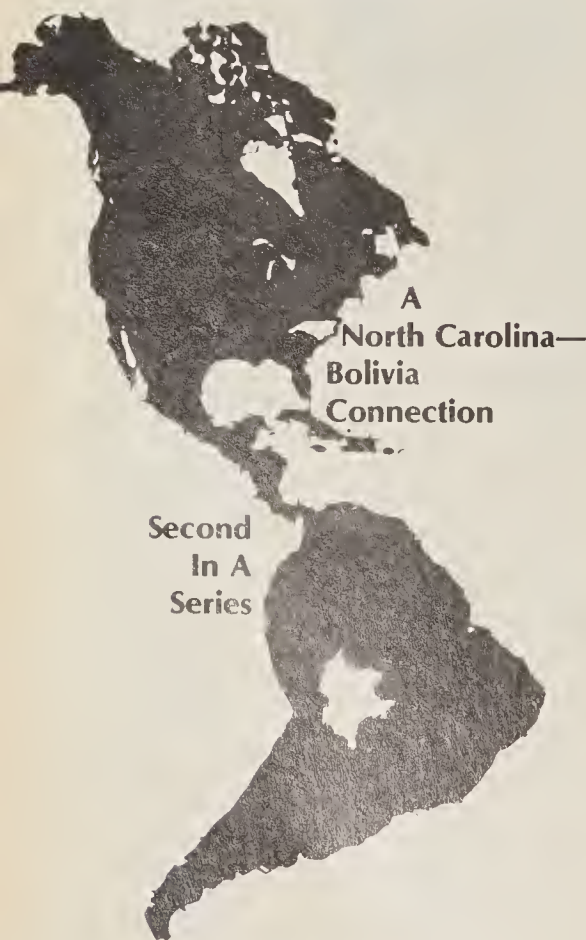
As a result, Viverette was asked to leave the country after only four months.

The Bolivian people ultimately prevailed and the co-op was officially established in 1965. Its first power was transmitted three years later.

That was just the beginning.

In 1972, the manager of the new Cooperativa Rural de Electrificación visited Blue Ridge EMC, met with the Board of Directors and asked Viverette to return to Santa Cruz to see what had been accomplished.

NRECA was also interested in evaluating the results of those early efforts and signed Viverette on for another visit to Bolivia.



It turned out to be quite a special time in Viverette's life. He discovered that the Bolivians had named a substation for him, and he was honored at a festival.

Five years later, he was given the Cross of Santa Cruz, the highest award given to civilians.

"The people there feel that Cecil is the father of rural electrification in Bolivia," said Mrs. Deverick. "This co-op has about 50,000 consumers but has the potential of being the largest in the world. There are 300,000 residents in the 'department' of Santa Cruz, which is equivalent to a state in our country."

Because of the strong relationship that developed, the Bolivian co-op wanted Blue Ridge EMC to be its "sister" co-op so the employees there could receive more technical assistance.

As a result, Blue Ridge employees with varied expertise have been involved in the assistance program.

Mrs. Deverick has helped her counterparts at several Bolivian co-ops develop such management tools as organizational manuals, job descriptions and operating practices.

"You go, and there's so much to be done," she said. "The people are so appreciative. They want the American people to share their knowledge and experience. Then, the Bolivians can do for themselves."

Ronn Knouse, manager of member and public relations at Blue Ridge, echoes Mrs. Deverick's feelings about the Bolivian people.

"I learned quite a bit from the Bolivians, especially the things they consider important," he said. "Money is not the most important thing in their lives. Families, including the extended family, are quite important, and friendships are taken very seriously."

His two trips to Bolivia have given him an appreciation for how much one culture can learn from another.

"No one should feel that the 'American way' has the corner on the market of the proper ways to get things done," he said. "Other countries have good ideas, too."

Charles W. (Chuck) Troutman, director of personnel, said Blue Ridge EMC is a better organization as a result of the overseas program.

"Going somewhere to teach forced us to think and helped to clarify why we do things the way we do," he said. "And, we appreciate more what we have here, such as our management style and the way we deal with problems."

Troutman went to Santa Cruz in 1977

to train the senior management staff in job evaluation methods and techniques, and to install a systematic wage and salary plan.

Although the employees who worked in Bolivia didn't always see immediate, dramatic results, progress over the long run has been evident, he said.

"You plant a seed, just as Cecil Viverette did," he continued. "It was years before the co-op took shape after his initial visit."

Henry Parker, manager of finance, made his first trip in 1974, along with Jim Cannon, director of management information. They worked to help establish continuing property records and to do a study of data processing needs. Parker returned in 1976 to work with the chief of the administrative department on system work planning.

Parker firmly believes that self-help programs of this sort are far better than "hand-outs."

"This is the reason the rural electrification program was a success in this country," he said. "When we can go into a country and help them help themselves, it is a much more valuable contribution."

Other Blue Ridge EMC employees who've participated in the overseas program are Gary Frazier and Betty Overcash, both former directors of

data processing; Bob Moretz, director of operations and Wayne Keller, a veteran co-op employee who moved into the manager's post when Viverette retired last year.

Directors who've participated are Tom Cockerham of Jefferson, a past president of the board; and John R. Austin of Rt. 4, Boone, who is the current board president.

Meanwhile, Blue Ridge is well on its way toward establishing new overseas "connections."

Seven staff members have already taken assignments in Jamaica and four others are scheduled to follow suit. And, Mrs. Deverick has worked in the Philippines and Indonesia.

In addition, Blue Ridge EMC has hosted foreign visitors from three Central American countries, seven South American nations, India, Indonesia and the Philippines.

As a result, the EMC has emerged as one of the nation's most active co-ops within the NRECA international assistance program.

The culture-to-culture relationships stimulated by these programs are "good for both countries," said Mrs. Deverick, adding:

"They create understanding between peoples."

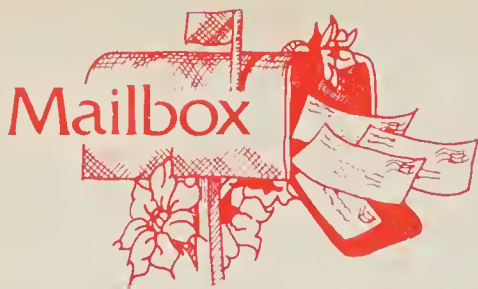
—Patty Shelley



LEFT — Barbara Deverick of Blue Ridge EMC gets a ride on one of Bolivia's most popular vehicles.

BELOW — Cecil Viverette, retired manager of Blue Ridge EMC, returned to Santa Cruz, Bolivia, in 1972, to find that the co-op he'd help to launch about 10 years earlier had named a substation in his honor. He is considered the "father" of rural electrification in that country.





**Burn Center Dedication Was
"A Proud Day" For The State**

I want to thank you for sending me the fine article that you published concerning the dedication of the North Carolina Jaycee Burn Center in Chapel Hill. It was indeed a proud day for the North Carolina Jaycees as well as the citizens of our great state.

Your fine articles are very much appreciated and I strongly believe that you recognized the most deserving individual that made the Burn Center dream become a reality. I have a lot of respect and admiration for Mr. Johnny Stackhouse and the efforts that he put forth in establishing a Burn Center here in North Carolina. As you noted, not only has he provided much efforts but has provided some very generous financial aid as well. I commend you

for recognizing this individual for his valiant efforts.

I assure you that the North Carolina Jaycees will continue to support the Jaycee Burn Center in the future. We have plans for our most successful jelly drive ever beginning in January. Already, we have more orders for jelly than ever before in our history of jelly sales for the Burn Center. I am confident that the people of North Carolina will continue supporting our project and their Burn Center. Your article and recognition of the Burn Center will assist us in the success of our jelly sale this coming January. We are grateful to you for helping us in this matter.

I also want to reassure you that the North Carolina Jaycees have already implemented many steps to prevent a re-occurrence of any misappropriation of funds. We are constantly seeking new ideas and measures to further safeguard the North Carolina Jaycee integrity as well as our charity foundation.

The North Carolina Jaycees are alive and well and have definitely prospered during the past year. I am very pleased and proud to say that the

people of North Carolina are supportive and committed to continuing to assist us in our endeavors, both in our communities and across our state. This has been a most gratifying experience this year. However, I do believe that people have realized that there were certain individuals rather than the entire organization that created some problems. I am confident that such a re-occurrence in the future would be very doubtful and would take a flagrant violation of the by-laws that we now have in effect.

*John S. Lowery
President
North Carolina Jaycees
Asheboro*

**"Well-Stated" Tribute To
Stackhouse Was "Well-Deserved"**

I appreciate very much your kindness in sending me a copy of the December issue of *Carolina Country* and I appreciate even more the well-deserved and well-stated tribute to Johnny Stackhouse which it contained.

I think it is important for the people of North Carolina to be aware of the great resource which has been created, in large measure through Johnny's efforts, and I thank you for your good help in doing this.

*Stuart Bondurant, MD
Dean
UNC School of Medicine
Chapel Hill*

**Burn Center Stories May
Encourage More Contributions**

Thanks so much for sending me a copy of your December issue. The articles on the burn center and fund-raising effort are excellent. I'm sure they will help inform a lot of North Carolinians about their burn center and, perhaps, will encourage more of them to contribute.

These articles come at a particularly advantageous time, since the Jaycees' annual jelly sale will be starting soon. This year, in particular, they are going to need all the support they can get.

*Dick Broom
Public Affairs Office
N.C. Memorial Hospital
Chapel Hill*

**Chowan Native
Enjoys Magazine**

I am a native of Chowan County, N.C., and I always enjoy reading your publication when I'm back home visiting my brothers.

Please accept me as a subscriber. I am enclosing my check for one year's subscription, a rare bargain.

*Mrs. Evelyn H. Tappan
Rt. 7, Ft. Worth, Texas*

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- Drop 'em, saw 'em, stand 'em up, and split 'em!
- Forget about lost, stuck, or flying wedges.
- No gasoline, no set-up, no take-down.
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- No gimmicks. Just simple physics!

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Weight:	Head—12 lb. (Total weight 15 lb.)
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Books



Birds of the Carolinas by Eloise F. Otter, James F. Parnell and Robert P. Beulings. University of North Carolina Press. 408 pages. \$14.95

At our house we have an ancient—but prized—book on birds of North Carolina. It has long been a “standard” in our home library. Now I’m very proud that we have this new and much better “bird book” to take its place. This one provides much better coverage, offering information on hundreds of birds. It is illustrated with profusion of quality full-color illustrations.

The book covers all the families: ducks, gulls, owls, swifts, even such species as blue jays and crows. Would you believe that mockingbirds, robins and thrashers all belong to the Mimidae family?

The Carolinas have a full array of good warblers, found from the coast to the mountains. And the well-known house sparrow, which many of us like to call the English sparrow, is the only “exotic” sparrow imported to these parts. It’s actually a finch. Our native sparrows, all more attractive than the English bird, include the grasshopper, vesper, sharp-tailed, Le Conte’s, vesper, lark sparrow and Dickman’s sparrow. And this is only a partial list.

Also included are coastal birds: sandpipers, the long-billed dowitcher, plovers and phalaropes. And upland birds: thrushes (which in turn includes the American or “red breasted” robin) juncos, flycatchers.

Short but scientific descriptions are provided with each bird pictured. These passages are highly informative, but this is as much a book to “look at” as to read.

One useful aspect of the pictures is that they show not only male and female, but also young and mature birds where the coloration changes. They even have pictures of special plumage for the mating season.

Descriptive passages tell of habitats in all parts of the state, and a detailed two-state map shows parks and wildlife refuges.

We are told that the field studies behind this book took 20 years. Even if it did, the results are well worth the effort that went into this elegant book.

—Frank Jeter Jr.

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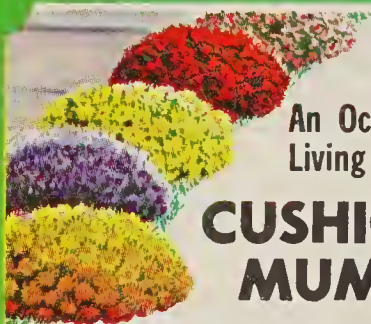
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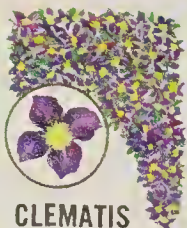
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